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140285

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION		SFUND RECORDS CTR 140285	
Project Name: <u>Site Assessment II</u>		Work Assignment No.: <u>54-27-9JZZ</u>	
Activity: <u>Site Assessment</u>	EPA Contract No.: <u>68-W9-0054</u>	Revision No.: <u>0</u>	
Contractor: <u>URS Consultants, Inc.</u>	Modification No.: <u>73</u> (C.O. Use Only)	Date: <u>February 10, 1993</u>	
2. DESCRIPTION OF ACTION			
<input checked="" type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input type="checkbox"/> Technical Direction Memorandum	
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/> Work Assignment Completion Notification	
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval		

(b) (4)

4. WA COMPLETION DATE		Current: <u>9-30-93</u>	Revised:
5. EPA COMMENTS: Statement of Work is attached. Contractor is to proceed with the following interim activities: Task 1000 - Project Management, Task 2000 - SWIFT Method Site Assessments, Task 5000 - Review of Federal Facility PA/SI/HRS Technical Documentation, Task 6501 - Casmalia Expanded Site Inspection. <i>Contractor is not to exceed 60 LCE Hours for Work Plan preparation without prior approval of the WAM.</i>			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date <u>William E. Reinhardt</u> <u>3/8/93</u>		EPA Remedial Project Manager/Date <u>William E. Reinhardt</u> <u>2-10-93</u>	
Contractor Regional Manager/Date <u>Bruce D. Appel</u> <u>3/09/93</u>		EPA Project Officer/Date <u>Mary J. Thibault</u>	
<input type="checkbox"/> Approved As Submitted <input checked="" type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date <u>Charles Spiele</u> <u>3-3-93</u>	

cc: 1. EPA PO

2. WAM

3. EPA CO

DNL 3001 1993
FILE NO. 62310 0121
CC: FM MISA
PM ☒ DPM ☒ SM ☒ C/SCM ☒ FILE ☒

URS CONSULTANTS, INC.

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U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION IX

**SCOPE OF WORK
FOR
SITE ASSESSMENT ACTIVITIES**

I. Background, Purpose, Method, and Roles

A) Background

In 1980, Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), thereby establishing a Federal program for responding to the risks posed by uncontrolled releases of hazardous substances. CERCLA section 105(8) (A) required the Federal government to establish criteria for setting priorities among releases or threatened releases. In addition, CERCLA section 105(8)(B) specified that these criteria be used to establish the National Priorities List (NPL). EPA responded to these mandates by developing the Hazard Ranking System (HRS) as the primary criterion for placing sites on the NPL and by establishing the site assessment program which identifies the need for CERCLA response actions. The HRS was included in a reviewed National Contingency Plan (NCP) on July 16, 1982. In 1986, the Superfund Amendments and Reauthorization Act (SARA) required EPA to amend the HRS so that it would more accurately assess relative risks to human health and the environment. EPA published the final rule containing the revised HRS in the Federal Register on December 14, 1990.

B) Purpose

The site assessment program routinely evaluates sites through preliminary assessments (PA), site inspection (SI), and, when appropriate, expanded site inspections (ESI). These studies provide the technical HRS data needed to quantify the relative risk at a specific site. However, this Scope of Work includes other activities that do not fall within the categories of standard activities described above. These other activities will be described in detail under each Task description and include:

- Completing HRS packages/support for NPL candidate sites;
- Providing Technical Support;
- Conducting PAs/SIs using the SWIFT method;
- Review of Federal Facility PA/SI/HRS/Technical Documentation; and
- Conducting NPL Prioritization project.

These activities play a supportive role in assisting with the site assessment activities of other programs (i.e. states site assessment programs funded by EPA).

C) Method

This work assignment is designed so that EPA can assign work to the contractor on an as needed basis. Assignment of these projects will be accomplished through Technical Directive Memoranda (TDMs). Tasks will be initiated or closed by TDMs issued by EPA. The TDMs will include the site name and task type to be conducted. Sites may be replaced, added, or deleted, by TDM.

Work in this Work Assignment will be conducted on multiple sites simultaneously. For cost recovery purposes, work on each site will need to be tracked as a separate task. Several types of tasks are included that can each be applied to many sites. These task types include:

- 1000 Project Planning and Management
- 2000 SWIFT Method Site Assessments
- 3000 Hazard Ranking System Packages
- 4000 NPL Prioritization
- 5000 Review of Federal Facility PA/SI/HRS/Technical Documentation
- 6000 Technical Support

To accommodate this task arrangement, a five-digit task numbering system has been employed. The first two digits represent the task type (e.g., SWIFT Method). The next two digits represent the individual site number. The digits to the right of the decimal point in the task number represent subtasks within the site task. For example, the CERCLA Eligibility Subtask of the SWIFT task type conducted on ZZ Cleaners (site 99) would be numbered Task 2099.2. While describing specific task types and subtasks in this SOW, the two site number digits in the task number will be referred to as "NN".

In some cases, task types will include activities that are not chargeable to specific sites (such as providing technical consultations). These projects should be given individual task numbers within each task type as they are assigned (this numbering is analogous to the site specific task numbering). For

example the first training support assignment would be numbered 6401 and the second would be numbered 6402.

The contractor will track and report Level of Effort (LOE) hours and costs on a site-by-site basis and submit them weekly to EPA. LOE and costs incurred for each site should be reported as labor, other direct costs, and total expenditures. LOE and costs associated with tasks not chargeable to specific sites should be reported on a project-by-project basis as if they were site costs. Costs for each task type should be broken down into direct labor charges by p-level, indirect costs, overhead, etc. The contractor will allocate non site-specific costs to sites on a regular basis as instructed by EPA.

D) Roles

There are two primary EPA site assessment contacts for day-to-day management of projects conducted under this scope of work. The first is the EPA Work Assignment Manager (WAM) who maintains oversight for all activities conducted under this work assignment. The WAM should be contacted for issues or difficulties concerning task assignments or this work assignment overall; the contractor may be requested to outline the issue in writing. Similarly, the contractor should notify the WAM of any major site specific issues and may be requested to follow up in writing. An example of a major site specific issue would be one that impacts EPA/contractor policy or one that impacts delivery or schedule of other activities being conducted under this Scope of Work.

The second EPA contact is the Site Assessment Manager (SAM) who maintains oversight of individual projects conducted under this scope of work as assigned. Assignment of the EPA SAM will be defined when a TDM for each project is issued. Reports and deliverables are submitted directly to the SAM with copies of cover memos to the WAM. In addition, site specific issues should be directed to the SAM. Again, the WAM should also be informed of any major site specific issues.

The Contracting Officer shall designate the WAM and SAM(s) as technical representatives under the work assignment prior to these individuals providing technical direction to the contractor.

II. Contractor Requirements

The contractor shall perform all tasks in accordance with EPA guidance documents provided by the EPA regional contacts and when applicable, in accordance with the specification provided in 40 CFR Part 300 Hazard Ranking System, Final Rule, December 14, 1990 and other guidance.

Correspondence

All correspondence and communication to EPA will be directed to the appropriate EPA SAM with copies of correspondence (cover letters for technical documents) going to the EPA WAM, Project Officer (PO), and Contracting Officer (CO). The EPA SAM will be identified at the time the TDM to begin the project is issued.

Training

EPA will provide training sessions for the contractor as deemed appropriate by EPA. The contractor in turn, is responsible for training new contractor personnel that come on board, and for keeping abreast of new guidance that will be supplied by EPA.

Hazard Ranking System

The contractor will be required to develop expertise in Hazard Ranking System (HRS) matters. The contractor will designate a contact person for EPA to notify about new interpretations and guidance development for the HRS model.

III. Government Responsibilities

The EPA shall provide the contractor with the following:

1. Site Assignments - EPA will provide the contractor with a list of site assignments (see **Appendix A**). The following information is provided:
 - o site name, city location, and EPA ID Number in CERCLIS
 - o any special information that will assist the contractor.
2. Review Project Planning and Management Reports - EPA will review the Work Plan, weekly updates, progress reports, and issue papers. EPA will provide technical input where appropriate and coordinate the use of additional resources (i.e. other contractors) when needed.
3. Authorize Task Startup - EPA will authorize task startup in writing (i.e. by TDM) and identify Task specific deliverables, schedules, SAMs, etc.
4. Eligibility Determination - Upon being notified by the contractor, the EPA shall decide whether to proceed with the PA or instruct the contractor to prepare a closeout memorandum.
5. Site Access Assistance - EPA shall contact the facility coordinator should he/she fail to comply with the contractor.

6. Sample Plan Review - QAMS and the WAM will review and comment on sample plans as quickly as possible.

7. Draft SI Review - The EPA and state, where appropriate, shall review and comment on the draft SI within one month.

8. Final SI Review - The EPA and state, where appropriate, shall review and send out copies of the final SI.

9. Review of Scoring Strategy - EPA shall approve and comment on the HRS scoring strategy before the Contractor proceeds with PREscore.

10. Review Draft Score Sheet Template - EPA shall approve or mandate revision to the score sheet template and assist in coordinating with Headquarters to resolve any technical or documentation issues with an HRS package.

11. Review Draft HRS Package for NPL rule - EPA shall approve or mandate revision to the final HRS package.

12. Review Interim HRS Package for NPL rule - EPA shall approve or mandate revision to the interim HRS package.

13. Federal Facility reviews - EPA will provide the contractor with:

- o copies of the standard letters to be prepared for Federal Facilities,
- o a copy of the HRS checklist to be used in determining the completeness of the HRS criteria data,
- o facility-specific technical documents for review,
- o the designated point of contact for various Federal agencies and facilities.

IV. SCHEDULE SUMMARY

The Contractor shall provide EPA a work plan that summarizes overall project schedule based on the numbers of sites and assumptions provided in this Scope of Work. In determining start and completion timeframes, refer to delivery schedule provided by EPA as **Appendix B**.

For tasks that are known and defined at issuance of this work assignment, timeframes for production of deliverables is included. On occasion, EPA may specify an alternative timeframe when the TDM is issued. In all cases within a week of the issuance of a TDM, the contractor will notify the SAM of the anticipated completion date of the project.

Activity	Deliverable #	Due Date
Scoping Meeting	--	TBD
Draft Work Plan	#1	3 weeks from scoping meeting
Final Work Plan	#1	2 weeks after EPA comments
Field Work Memo	#2	Monthly
Tracking System Print Outs	#3	Weekly
Conflict of Interest Notification	#5	2 weeks after work assignment or TDM for a specific proj. is issued
Hazardous Waste Site ID Forms	#6	When sites are discovered
Report/Deliverables	--	As specified in Task or TDM
Return CERCLIS files	#4	3 weeks after final project

V. List of Deliverables

1. Management Work Plan including Schedule for deliverables
2. Monthly Field Work Memorandum
3. Tracking System Print Outs
4. CERCLIS Files
5. Conflict of Interest Notification
6. Hazardous Waste Site ID Forms
7. Individual deliverables will be identified by WAF or TDM

TASK 1000: PROJECT MANAGEMENT

The contractor shall perform project management activities required to complete the work assignment according to the Management Plan as revised under Contract 68-W9-0054. This task will include activities that are not chargeable to other tasks (i.e. overall work management tasks). Project management activities include daily monitoring of the project staff, coordination with EPA, technical and financial management, scheduling, cost control, resource utilization, and monthly reporting.

The implementation of this Work Assignment will be conducted in close coordination with EPA. EPA WAM and the Contractor will conduct weekly and quarterly meetings. Topics of discussion at these meetings will include the status of assignments, new assignments, and any other issues related to this work assignment. Meetings discussing site specific issues will be charged directly to the site(s). Frequent telephone communication will supplement the meetings.

Subtask 1000.1 Prepare Work Plan

Within one week of receipt of the Work Assignment, or as otherwise directed by the WAM, the contractor shall attend a scoping meeting with EPA to fully discuss the Work Assignment. The main purpose of the meeting is to answer questions about the scope of work, discuss the level of effort required for the work assignment, and provide information and clarification to enable the contractor to develop a Work Plan.

Within three weeks of the scoping meeting, the contractor shall prepare a Work Plan for this assignment. The purpose of this Work Plan is to estimate the time and costs involved in the entire assignment, as well as to describe the activities, their duration and cost, associated with each Task type in this assignment (See Section IV). The Work Plan will detail the contractors general approach and the assumptions used in deriving these costs. Travel and other direct costs (i.e. supplies, equipment) shall be broken out in detail. The Work Plan should also include estimated timeframes for accomplishing each Task. The Work Plan will detail how the project will be managed, and how the contractor will interact with EPA during the project. Additionally, the contractor should state rationale for their work breakdown and task structure if deviating from those provided in this SOW. The plan should include an estimate of the staffing skill mix and support costs required for each task provided under this work assignment. In the workplan the Contractor will define average LOE and cost for each task type. If at the time a TDM is issued the contractor estimates the LOE and/or costs to be greater than the average estimated in the workplan, the contractor will contact the SAM and notify the WAM for approval. Under this approach, the WAM will conduct routine reviews of LOE and costs by task.

The Work Plan shall include a staffing plan that lists proposed personnel positions, profiles of these positions, relevant expertise, technical/professional levels, and a description of the functions of proposed positions.

At the direction of the WAM, the contractor shall also provide a revised Work Plan that includes any revisions resulting from EPA's reviews. The revised Work Plan shall be submitted to EPA within two weeks of the contractor's receipt of EPA's comments, unless otherwise specified by the WAM.

The contractor is responsible for providing a redacted copy of the Work Plan, removing all confidential business information at the time of final submission. Should the contractor decline to submit such a copy at the time of final Work Plan submission, it will be assumed by EPA that all information provided in the Work Plan may be shared as deemed necessary by EPA.

Revisions to the Work Plan shall also be charged to this Task.

Subtask 1000.2 Work Assignment Closeout

Once all other work assignment activities have been completed, the contractor will conduct work assignment closeout activities according to EPA instructions. Upon completion of this work assignment, the contractor shall notify the WAM in writing that all deliverables have been submitted to EPA and develop a final cost estimate for this work assignment within three weeks after EPA acceptance of the final deliverable.

The contractor will make sure that any government furnished files, including all materials and documents obtained during the course of the work, are returned to the WAM in the condition in which they were borrowed, within two weeks after EPA acceptance of the final deliverable. Additionally, the contractor shall account for all government property, providing EPA with an inventory of such equipment and delivering said equipment as directed by the WAM.

Subtask 1000.3 Acquire Site Files and Check for Conflict of Interest

Acquire Site Files

Prior to beginning specific work assigned under this work assignment, the contractor will need to acquire site files. To obtain files, the contract will contact EPA's Superfund Files Management Center (415/744-2165) to arrange for receipt of site files. EPA will provide the center's staff with a list of contractors who may check out files. If site file does not exist, is unavailable for any reason, the Superfund file management center will prepare a new, blank one for the contractor which will become the official file.) If files are being used by another EPA program, the contractor will contact that program and copy the file. The contractor is responsible for the care of files while in their possession, and will maintain EPA file order.

EPA may contact the contractor while the files are in their possession to access information (e.g., for Freedom of Information requests). The contractor will copy documents specified by EPA and charge this time to the site. (Perhaps 5% of sites will have an information request while in the contractor's possession. These requests will average two hours per site.) CERCLIS files are to be returned when the report is submitted to EPA.

Check for Conflict of Interest Sites

The contractor will check each site to determine if it presents a conflict of interest for them, and will inform the WAM, Project Officer (PO), and Contract Officer (CO), in writing, in accordance with the contract.

Subtask 1000.4 Reporting

Database & Weekly & Monthly Reporting

The contractor shall maintain a database for activities under this work assignment by Task type, site name, EPA ID number, EPA SAM, Contractor Project Manager, due dates for deliverable, technical LOE hours planned and incurred by site. Printouts, with the most recent available data will be submitted to the WAM to facilitate discussion at the weekly meetings. Updates will be appended to a monthly report prepared by the contractor that will highlight accomplishments, outline upcoming plans, and discuss problems encountered or envisioned. The contractor will submit to EPA an attachment to the monthly report and to the invoice submitted to RTP which lists LOE and costs incurred on a site-by-site basis within each task type.

Field Work Memorandum

During the second week of each month, the contractor will submit to EPA and the State a memorandum outlining all anticipated site visits for the coming month. The names of the agencies will be supplied by EPA. The agencies will differ in each state, but usually this includes the state department of health or the environment, and a state or local water regulatory agency. This memorandum shall contain the site name and address, EPA ID number, projected site visit date, and a contractor contact name. If no field work is anticipated under this work assignment for the month, a memo stating this will still be required.

Schedule Summary

Activity	Deliverable #	Due Date
Scoping Meeting	--	TBD
Draft Work Plan	#1	3 weeks from scoping meeting
Final Work Plan	#1	2 weeks after EPA comments
Field Work Memo	#2	Monthly
Tracking System Print Outs	#3	Weekly
Conflict of Interest Notification	#5	2 weeks after work assignment or TDM for a specific proj. is issued
Return CERCLA files	#4	2 weeks after final project
WACR	#6	TBD

List of Project Management Deliverables

1. Draft Work Plan and Final Work Plan
2. Field Work Memo
3. Tracking System Print Outs

4. Return CERCLIS Files
5. Conflict of Interest Notification
6. WACR

Assumptions

For cost estimating purposes, the contractor should assume that Project Management activities will continue until September 30, 1993 and that there will be six hours of project coordination meetings per month.

TASK 2000: SWIFT METHOD SITE ASSESSMENTS

The purpose of the SWIFT Process is to rapidly evaluate a site to determine if it has potential for placement on the National Priorities List (NPL) of hazardous waste sites. The contractor and Work Assignment Manager (WAM) work together throughout the Preliminary Assessment (PA) and Site Inspection (SI) process to insure efficiency and continuity of process. There is no break in time between the PA and the SI.

In the SWIFT Process the investigator first gathers readily available data to perform a PA. The PA data is evaluated using either the PA Method (Standard PA) or the full HRS, depending on the quantity and quality of data available. Before any report is written, a scoping session is held with the Work Assignment Manager (WAM) to determine if further CERCLA action is necessary. If the site does not appear to be eligible for the NPL, then a full PA document is written. If the site does appear to be eligible, then a summary PA memo is written. The investigator then moves directly into the SI, or second stage of assessment. During the SI, adequate data, possibly requiring field sampling, will be gathered to reach a decision about the eligibility of the site for the NPL. The exception is for significant, expensive field work, such as well drilling or extensive soils sampling, which will be done in next phase of investigation, the Expanded Site Inspection (ESI). After the SI, a decision will be made to go forward with the ESI immediately, or to put the site on hold while higher priority sites are investigated. EPA will set priorities for further action at the site (i.e., ESI field work or direct consideration for NPL listing) based in part on the contractor's assessment of the site's HRS score.

The SWIFT PA is essentially the same as the regular CERCLA PA except that the contractor will work more closely with the WAM to quickly assess the site. The SWIFT PA includes a scoping session with the WAM after readily available information has been gathered and a preliminary conclusion has been made about the eligibility of the site for NPL. In this scoping session, a decision will be made about whether an SI is necessary at the site, and what would be the objectives of that SI (e.g. sampling or other additional data gathering). Depending on the decision

reached at the scoping session about further action, either a full or summary PA report will be prepared. The goals of the SWIFT PA are:

- o assess the eligibility of the site for NPL inclusion
- o document the presence/absence of uncontained or uncontrolled hazardous substances on-site
- o collect site characteristics and area receptor information
- o determine if an emergency situation exists that requires a referral to EPA's Emergency Response Section to investigate
- o calculate the site's initial HRS score.

In the SWIFT SI the contractor will test the hypotheses formulated during the initial scoring of the site in the Preliminary Assessment (PA) stage. This will be accomplished by additional research and investigation including field screening and sampling, if necessary. Since the contractor will have freshly reviewed available information during the PA stage of investigation, the SI stage begins with the preparation of sampling plan. The contractor will collect adequate information to:

- o document the presence/absence of uncontained or uncontrolled hazardous substances on-site
- o collect site characteristics and area receptor information
- o confirm/disprove hypotheses used in initial PA scoring and calculate the site's true HRS score

Each site assigned under this task will be screened by the contractor for Conflict of Interest concerns, see above.

Each PA and SI for a specific site will be treated as a separate task.

The following items are subtasks to each SWIFT Method task.

Subtask 20NN.1 - Obtain Background Information

Contact Reports

The contractor will be required to write contact reports to document discussions during the gathering of all background information. Copies of contact reports should be sent to the EPA, State, or local agency staff person interviewed for their information, and to allow them the opportunity to correct any misconceptions. A cover memo should request an initialed concurrence of the information as stated. A contact report format is included as **Appendix C**. If no concurrence is received, a follow up phone call should request that concurrence, and it

should be noted on the contact report if there was no response. The lack of concurrence should not delay the project. Contact reports will also be prepared to document discussions with owner/operators of facilities. The contractor will generally obtain concurrence on these but there may be times when that is not advisable (for instance when the information is sensitive). The contractor should contact the WAM to discuss whether concurrence is necessary, if there is doubt.

EPA Files and Staff

The contractor will work with EPA programs to obtain appropriate databases that list facilities and detail their regulatory status. HWDMS (for RCRA) (which will be called "RCRIS" in the future) and FINDS (for all EPA programs) are particularly useful. (See **Appendix D** for information on EPA and state databases and their usefulness). For those sites that appear in other EPA databases, the contractor will need to contact the appropriate program (e.g., RCRA) and request site files, if there are any. These files will be copied by the contractor and returned to the program.

The contractor will contact appropriate EPA staff in any programs that are actively involved in site regulation, enforcement, or cleanup. If the data base searches indicate that there are RCRA or CERCLA NPL sites in the area, the EPA contact or Remedial Project Manager for those sites may have useful knowledge about the site being investigated or data regarding the surrounding area.

State and Local Agencies

The contractor shall contact all the appropriate State and local agencies responsible for environmental protection. (**Appendix E** details the main health and environmental agencies, contacts, and procedures to follow in each state in the Region.) The contractor will identify lead staff who are responsible for the site (if they exist). They will contact these persons initially during the early stages of the project, and as needed as the project progresses. These contacts may supply site information and be able to verify or dispute facts gathered during the investigation.

The contractor shall make arrangements to review, obtain, and copy those parts of the files that provide information necessary for the completion of the site assessment. State and local agencies may compile these files for the contractor to review and copy. The contractor shall allow sufficient time for review and acquisition of necessary file information to ensure completion of all required activities within the specified schedule noted on the site assignment.

When reviewing EPA, State, and local agency files, and when interviewing appropriate staff, the contractor shall try to

obtain, whenever possible, any relevant site specific data and HRS information, including:

- o Former and current land use(s) and owner(s)/operator(s)
- o Activities conducted, products generated, and processes conducted on-site
- o Types and quantities of hazardous substances used on-site (e.g., manifests, inspections, etc.)
- o Waste handling and disposal practices
- o Status and types of permits for the facility
- o Analytical data, if any, and site assessment reports
- o Results of well sampling conducted on the property (including data validation sheets if available)
- o A representative sample of well logs and uses of ground water within a four mile radius of the property
- o Uses of surface water within fifteen downstream miles of the property (with an emphasis on drinking water and irrigation supply intakes).
- o Identify constituents, and volume of known releases of hazardous waste to the environment
- o Identify if remediation followed any of the known releases including post remediation sampling analysis/results
- o Location of all municipal and domestic (if possible) supply wells within a 4 miles radius of the property. Include a map showing the supply well locations and general direction of groundwater flow
- o Analytical results from sampling of municipal supply wells
- o Screened interval depths for the municipal supply wells

To facilitate collection of the ground water and surface water information, EPA recommends that the Project Manager review copies of topographic maps covering the four mile radius and a list of the water bodies along the fifteen stream-mile route.

Facility Representative / Site Owner

After examining the file information and becoming familiar with the site, the contractor may contact a facility representative to verify information collected from EPA or other agency files. In California, the Department of Toxic Substances Control of CalEPA must be notified before contact is made with the facility.

Potential Hazardous Waste Site Identification Form

If, during the course of collecting information, the contractor determines that another site not already on CERCLIS may be a potential hazardous waste site, the contractor shall complete a Potential Hazardous Waste Site Identification Form (EPA Form 2070-11) (**Appendix F**) or a memorandum detailing the same information and submit it to the EPA WAM.

Subtask 20NN.2 - Assess CERCLA Eligibility

After background information has been thoroughly examined, the contractor shall perform a CERCLA eligibility check for the site. A CERCLA Eligibility Questionnaire is provided in **Appendix G** to assist the contractor in performing this check. Figure 1 illustrates the checking procedure and activities that the contractor shall perform. They are summarized below:

- o Determine if the site is listed as a Treatment, Storage, or Disposal Facility under RCRA and has, or has had, Interim Status under RCRA. (See **Appendix H** for guidance on identifying TSDF's.)
- o Determine if the site is a licensed Nuclear Regulatory Commission (NRC) facility.
- o Determine if the wastes on-site are not CERCLA eligible wastes (e.g. petroleum products in unaltered form). See **Appendix I** for an overview of the Superfund petroleum exclusion guidance.
- o Determine if the site is a duplicate of an existing site or part of an NPL site.
- o Determine if the site is a Federal Facility (and thus should have its EPA ID changed to a Federal Facility number). The SI will not be conducted by the contractor, but referred to the appropriate department, agency, or bureau.

If any of the above situations occur, the Project Manager shall contact the EPA WAM immediately and EPA will make a determination whether or not to proceed at the site. If EPA decides that the site assessment should not be continued, the contractor shall submit a brief PA report stating the rationale for discontinuing work at the site. The contractor shall issue a draft memorandum and shall finalize it after any EPA comments are addressed, or after the EPA comment period has expired (one month). At this point, the site assignment will be closed. The contractor shall make the assessment regarding CERCLA eligibility as soon as possible in the SI process.

Subtask 20NN.3 - Fill Out HRS Scoresheets and Determine Data Gaps

Following the review of available background information, the contractor shall complete HRS scoresheets. PA Score or PreScore software (the computerized version of the HRS scoresheets) may be used (depending on the quality of data) to project an HRS score for the site, and to determine what additional data gaps must be filled at the PA stage, especially during the site visit.

Appendix J contains summary and pathway HRS scoresheets to be used, as well as instructions in their use. **Appendix K** contains a copy of PA Score and PreScore software and instructions for use. **Appendix L** contains guidance on assumptions to use and professional judgement when using the HRS model.

Subtask 20NN.4 - Conduct Site Visit and Interview

Site Access

The contractor shall contact the facility representative to arrange for a site reconnaissance visit. This step can occur during Subtask 20NN.1 if the contractor is contacting the owner earlier. The contractor will explain the purpose of the investigation and will follow up this conversation with a site visit confirmation letter that also requests that certain information be available on the day of the site visit. See **Appendix M** for a format for this letter. If a state or local agency has a project manager for the site, the contractor will contact them before the site visit to inform them of the visit and to invite them along. (In California, it is especially important to contact the state project manager **before** arranging the site visit.) If the contractor encounters difficulty in obtaining access, the EPA WAM shall be contacted. EPA will resolve the access problem or determine the appropriate alternative action.

Site Reconnaissance and Interview

At each site the contractor shall conduct an on-site reconnaissance and interview with the owner/operator to become familiar with the site and to document all site features, including potential sample locations. All personnel participating in the site activities shall be in compliance with

OSHA regulations, 40 CFR 1910.120, and medical monitoring requirements.

During the site reconnaissance the contractor will focus on detailing site conditions. In addition, the contractor will:

- o Determine the location and condition of buildings
- o Determine the extent of paving

- o Gather information for a site map that identifies pertinent site features. This also will form an integral part of PA and SI reports.
- o Determine the location (including distance and direction to a fixed object, if not previously documented) of source areas of contamination (e.g., lagoon, dry well, storage area, leachfield)
- o Determine the location and estimate the size, if not previously documented, of significant on-site areas, (e.g., landfills, disposal areas, fill material, removed soil)
- o Determine the location of staining, leachate outbreak, or stressed vegetation
- o Determine the level of property accessibility by the public (e.g., fencing, lockable gates, guardhouse, posted signs)
- o Determine if monitoring wells exist, locate them, and their condition
- o Note specific locations that would be suitable for sampling.
- o Take pictures of site conditions. These will be an integral part of the PA and SI and will be documented by including site name, location (city and state), name of photographer, date and time of photograph, and description of situation/scene.
- o Note containment features associated with potential source areas.
- o Determine the overland flow paths for surface water, including locations of storm drains or other entry points to sub-surface routes.
- o Determine the distance to the nearest individual regularly occupying a structure (home, business, or other) and the distance to the nearest drinking water well, if possible.
- o Identify and determine the distance to sensitive environments.

It is imperative that all contractor personnel conduct on-site activities in a professional and courteous manner.

Interview with Site Owner/Operator

The goal of this interview is to verify or add to information already obtained from EPA and other agency files regarding site history, current and former site activities and processes, and the condition of all hazardous materials on site. The results of this visit are detailed in a Site Reconnaissance Interview and

Observations Report (see **Appendix N**) which is included as a Contact Report (not initialed) to the SI Report. The contractor will bring a letter of introduction to the site visit which details the purpose of the visit, details where the contractor should be allowed during the visit, and under which legal authorities the contractor is acting. A format for the Letter of Introduction is included as **Appendix O**. If the contractor is having difficulty getting information from a non-cooperative site owner/operator, the contractor shall prepare an Information Demand Letter for EPA to send. The contractor will contact the WAM to discuss this option. A format for the Information Demand Letter is attached as **Appendix P**.

Emergency Response Referral

If, on the basis of site conditions, the contractor believes an imminent danger may exist and that the general public may come into direct contact with hazardous materials that are readily accessible on-site, the contractor shall contact the EPA Emergency Response Section (ERS), and a memo should be written to the ERS Section Chief (cc to SAM) detailing the problem. The WAM should be notified as soon as possible as well. **Appendix Q** outlines emergency response considerations and procedures.

Subtask 20NN.5 - PA Scoping Session

Once the contractor has gathered available data, visited the site, determined an initial HRS score (using HRS scoresheets, PA Score, or Pre-Score), and formulated a preliminary recommendation for further action, a scoping session will be held with the WAM. At the scoping session the contractor will brief the WAM on the site, using maps, photos, and HRS scoresheets. A decision will be made regarding further action required at the site. If it does not appear that the site is eligible for inclusion for the NPL, the contractor shall prepare a full PA report documenting the site. If it does appear that the site may be eligible for inclusion on the NPL, then the contractor should be prepared to discuss the strategy for the SI with the WAM in enough detail for the contractor to then write a sample plan.

Subtask 20NN.6 - Prepare Draft and Final PA Report

For those sites going on to further action, the contractor shall prepare a one to two page summary PA to briefly document the problem (**Appendix R**). This summary will include a paragraph on site description and apparent problem, a paragraph on HRS factors that are significant, and a sign-off block for EPA. Confidential HRS scoresheets will be attached. The completed draft summary PA will be submitted to the WAM for review. EPA will comment and review within two weeks. If no comments are received from EPA after one month, the contractor will notify the WAM and then may finalize the product.

For those sites not requiring further site evaluation, the contractor shall prepare a draft PA Report in accordance with the

site assessment outline (Table 4-1, Appendix 8). The PA provides a good site summary, details regulatory status, and it describes a pathway-by-pathway description of HRS factors. A conclusion is drawn about the HRS score by using PA-Score, Pre-Score, or HRS Worksheets. As a general rule, if sites score over 28.5 on the HRS (using PA-Score) or 25 (using Pre-Score or HRS Worksheets) with the information gathered in the PA they are recommended for further action. In that case the contractor will conclude that, based on the HRS, the site does appear to be eligible for placement on the NPL. If the site scores under 28.5 (or 25 using Pre-Score or HRS Worksheets) on the HRS, the contractor's conclusion will be that based on the HRS it does not appear that the site is eligible for placement on the NPL. The concluding paragraph will bullet the significant HRS factors involved in the site. HRS Worksheets (or Pre-Score/PA Score printouts) are attached as "Confidential - Predecisional" material. The PA must contain a site map, site pictures, an area location map (usually a topographic map) with an inset showing state location (subpart of state in California). The PA also contains contact reports, a list of file references, and a completed data form.

The completed PA will be submitted to the WAM for review. EPA will review and comment on the PA within one month. If no comments are received from EPA after one month, the contractor will notify the WAM and then may finalize the product.

Prepare Final PA Report

The contractor shall revise and submit the final PA report to EPA within two weeks of receiving comments on the draft. The report shall be accompanied by a report transmittal list that notes the names, titles, and addresses of those who will be receiving copies of the report. One copy of the PA report will be submitted for each person on the list. Generally, the lead state agency (Department of Health in Hawaii; Department of Toxic Substances Control of CalEPA in California; Department of Environmental Quality in Nevada and Arizona; Navajo Superfund Program for the Navajo Nation) will always get a copy, along with any EPA, state, or local government representatives that supplied significant information, or who will be interested in site activities. The local Regional Water Quality Control Board (in California) or Department of Water Resources (in Arizona) will receive copies where surface or groundwater may be impacted. All copies come to EPA for final sign off and mailing.

The following items are subtasks to each Site Inspection Task:

Subtask 20NN.7 - SI Scoping Session

After the PA Scoping Session the contractor will follow up on action items (e.g., research, phone calls) and continue to formulate the SI strategy.

If the site clearly requires no sampling, the contractor will provide weekly verbal updates to the WAM on progress, and will prepare the draft SI (see below).

If the site may require sampling and the contractor has completed all action items from the PA scoping session, the contractor will arrange an SI scoping session with EPA. This scoping session will include the contractor and the contractor's HRS contact, the WAM, Region IX's HRS expert, the Site Assessment Manager, and a representative of Region IX's Quality Assurance Management Section (QAMS). The contractor has the responsibility of coordinating and conducting this meeting. The proposed plan of action at the site will be detailed, including numbers and types of samples to be taken, if necessary. The goal will be to gather all information necessary to determine if the site will or will not score, and to have adequate information for the creation of a HRS package for site submittal to EPA Headquarters for NPL placement.

The EPA Sampling Strategy is included as **Appendix T**. The determination of whether or not sampling is necessary depends on the quality of existing data. If existing data is adequate for verifying that a site does not score or if it is sufficient to prepare an HRS package for the site, then further sampling is not necessary. If sampling is necessary, then the sampling strategy must identify those locations necessary to either prove the site does not score over 28.5 or to form the basis of an HRS package.

During or soon following the Scoping Session, EPA will approve a site strategy for the site, including whether sampling is necessary or not, and if so, what types of sampling is necessary.

Subtask 20NN.8 - Sample Plan

After EPA concurrence on the site strategy, the contractor will draw up a sample plan if it has been determined that sampling is necessary at the site. (If sampling is not needed, the contractor will proceed to gather other data as needed and prepare draft/final as directed by the WAM.) See **Appendix U** for the sample plan format and QAMS procedures and guidance. As the sample plan is being written, the contractor should contact the EPA Equipment Management Facility (EMFac) to check the availability of sampling equipment. EMFac should be the contractor's first source for non-expendable, non-site-dedicated equipment and reservations to use the equipment must be made well in advance as required by the User Guide for the Equipment Management Facility (EMFac) (**Appendix V**). The contractor will submit copies of the sample plan to the WAM and the Quality Assurance Management Section (QAMS) for review. The contractor should work closely with QAMS during development of the Sample Plan to ensure that the plan is swiftly approved. All of QAMS' and the WAM's concerns must be addressed before sampling can take place. Contractors will use EPA's Contract Lab Program (CLP) for sampling analysis, and the lab space must be reserved ahead by

the contractor through QAMS. It will take about 6 weeks for the CLP to analyze samples. It is imperative that the contractor allow adequate lead time for all aspects of sampling, including QAMS/WAM review of sample plans. At a minimum, two weeks should be allowed for QAM's initial review, and more must be allowed for subsequent iterations, depending on the site. Contractor requests for quick turn-around of lab work or validation must be directed to the WAM and, if justified, will be requested by memorandum from the EPA Site Evaluation Section Chief to QAMS.

Subtask 20NN.9 - Sampling

For those sites where sampling will be needed, sampling can begin after QAMS/WAM approval of the Sample Plan. As with the reconnaissance visit, an appointment for the sampling event must be arranged with the facility representative in advance. The State should be invited to participate.

Sampling should be conducted as detailed in the Sampling Plan. Any divergence from this plan must be noted. A field log book must be kept detailing site activities. The contractor shall supply split samples to the facility representative if requested.

Subtask 20NN.10 - Prepare Draft and Final SI Report

Prepare Draft SI Report

The contractor shall prepare a draft SI Report in accordance with the site assessment outline (**Appendix S**). The SI provides a good site summary, details regulatory status, discusses the site sampling event, if one occurred, or relevant sampling data and data quality, and presents a pathway-by-pathway description of HRS factors. A conclusion is drawn about the HRS score by using the Prescore Software or HRS score sheets. If the site scores under 28.5 on the HRS, the contractor's conclusion will be that based on the HRS it does not appear that the site is eligible for placement on the NPL. Sites which score over 28.5 on the HRS will be recommended for either NPL prioritization, if all data for the HRS package exists, or for further field work in an ESI, if more data gathering is necessary before determining that the site is eligible for inclusion on the NPL. The concluding paragraph will bullet the significant HRS factors involved at the site.

For all sites where further action is recommended, an NPL Prioritization Memo will be prepared. This confidential memo accompanies the SI Report. **Appendix W** presents the format and guidance for this memo which discusses state, local, or owner/operator involvement in the site and information regarding HRS issues which will help EPA determine what priority the site is for an ESI or HRS package preparation. If the site is ready for HRS package preparation, a Data Summary section will be included in the Prioritization Memo.

Summary and pathway score sheets are attached to the SI Report on brightly colored paper that is stamped as "Confidential - Predecisional" material. The SI must contain a site map, an area location map (usually a topographic map) with an inset showing state location (or subpart of state in California). The sample plan must be attached as an appendix to the SI, and sample results must be clearly discussed in the body of the report. A facility diagram showing sample locations must also appear in the body of the report. The SI also contains contact reports, and a list of file references.

The draft SI report will be submitted to the EPA WAM for review. EPA will review and comment on the SI within one month, but usually less. If no comments are received from EPA after one month, the contractor may finalize the product.

Prepare Final SI Report

The contractor shall revise and submit the final SI report within two weeks of receiving comments on the draft. The report shall be accompanied by a report transmittal list that notes the names, titles, and addresses of those who will be receiving copies of the report. An adequate number of copies of the SI report will be submitted for each person on the list. Generally, the lead state agency will always get a copy, along with any EPA, state, city, or other local government representatives that supplied significant information, or who will be interested in site activities. The local Regional Water Quality Control Board (in California) or Department of Water Resources (in Arizona) will receive copies where surface or groundwater may be impacted. A copy will always be prepared for the facility representative.

Schedule Summary

<u>Site-Specific Activities</u>	Del. #	# of weeks from site assignment
Complete Evaluation Checklist	-	9 weeks
Obtain Site Access for Recon	-	9 weeks
Conduct Recon	-	11 weeks
PA Scoping Session	-	13 weeks
Draft PA Report (Summary or Reg.) #1		14 weeks
Final PA Report (Sum. or Regular) #2		18 weeks
SI Scoping Session (if needed)	-	15 weeks
Sample Plan Submittal	#3	18 weeks
Sample Plan Approval	-	22 weeks
Sample Event	-	23 weeks
Validated Data Received	-	29 weeks
Submit Draft SI Report to EPA	#4	32 weeks
Receive Comments	-	36 weeks
Submit Final Report to EPA	#5	38 weeks

List of SWIFT Method Deliverables

1. Draft PA Report (Summary or Regular)
2. Final PA Report (Summary or Regular)
3. Sample Plan
4. Draft SI Report
5. Final SI Report

Assumptions

For budgetary purposes, the contractor should assume it will be tasked to perform 10 non-sampling SWIFT SIs and 18 other PA/SIs (including 4 sampling SIs) during the performance period.

TASK 3000: HAZARD RANKING SYSTEM PACKAGES

The HRS is a scoring system which evaluates the relative threat to public health and the environment posed by releases and potential releases of hazardous substances. The development of an HRS scoring package is performed after a series of investigations have evaluated the likelihood of releases and their potential impacts at a hazardous waste site. These investigations, including preliminary assessments (PA), site inspections (SI), and possibly expanded site inspections (ESI), provide the technical data that is entered into the HRS to quantify the relative risk at a specific site. The actual HRS score and the supporting documentation are compiled into an HRS documentation record which becomes the primary basis for placing sites on the NPL. A site must be on the NPL in order to be eligible for Superfund-financed remedial action.

Under this task, the contractor will provide HRS scoring and support documentation for sites assigned. The HRS documentation will meet EPA quality requirements before the package is submitted to the Agency. The contractor will routinely coordinate production of HRS packages with both Regional staff and the Headquarter quality assurance (QA) contractor in order to meet these quality requirements. If the contractor needs guidance in HRS interpretation on a issue of major magnitude (i.e. the resolution would make or break a HRS package, or the issue would have impact on other sites), the contractor will contact the WAM to discuss the issue. If there is no resolution at this level, the contractor and the WAM will discuss the matter with HQ and the HQ QA contractor. For minor issues, the contractor should contact the HQ QA contractor directly. The contractor will inform the WAM of relevant conversations between themselves and the HQ QA contractor.

Upon completion of the start-up activities in Task 1000, the Contractor shall begin performing site-specific tasks for any HRS packages assigned. An actual site visit is rarely necessary, but may be performed with EPA authorization. If a site visit occurs, the EPA Regional office may request a technical summary of site issues from the Contractor. Refer to Task 2000 (SWIFT Method)

for proper procedures for conducting field activities. If, at any time during the HRS process, the site score appears to be less than 28.50, the Contractor shall immediately report such findings to EPA.

The following items are subtasks to each HRS package.

Subtask 30NN.1: Obtain Background Information

The contractor will review the Preliminary Assessment (PA) and the Site Inspection (SI) and all other information in the CERCLIS file. The SI will contain confidential HRS worksheets that show how the author derived the site score. The score sheets in the SI should be based on mainly hard data and should contain few, if any, assumptions. If there are HRS data gaps for the site, the SI contains contact reports which contain names and numbers of contacts with state and local agencies, as well as with the Potential Responsible Party (PRP) or site owner/operator.

The contractor will follow the guidelines described in Task 2000, Subtask 20NN.1 of the SWIFT Method task description for procedures on Contact Reports, EPA files and staff, State and Local Agencies, Facility Representatives, and Potential Hazardous Waste Site Identification form.

Subtask 30NN.2: Preliminary Site Scoring

Following the review and analysis of all previous site evaluation documents, the Contractor shall develop a preliminary site scoring strategy identifying important site characteristics and pathways. The Contractor shall be aware of CERCLA eligibility requirements and policy issues throughout the HRS process. **Appendix H and I** include discussions of policy issues frequently encountered while utilizing the HRS in preparing HRS documentation records. **Appendix DD** provides examples of site scoring summaries. Any potentially controversial policy issues shall be communicated to EPA by the contractor.

The Contractor shall compute a preliminary HRS score using the PREScore program and the most recent version of the Superfund Chemical Data Matrix provided by EPA.¹ If PREScore does not yet include the most up-to-date chemical data base, the program can still be useful for checking scoring strategies and alternatives.

Several references contained in the appendices will be helpful to the contractor in completing this task. These include:

- Appendix K.** PREScore Instructions
- Appendix L.** HRS Preliminary Resolutions (subject to periodic additions and updates)
- Appendix X.** The HRS Rule

¹ These tables are currently revised in April and November of each year.

Appendix Y. HRS Package Preparation Training materials
Appendix Z. The following HRS Fact Sheets

<u>OSWER Publication #</u>	<u>Title</u>
9320.7-01FS	The Revised HRS: An Improved Tool for Screening Sites
9320.7-02FS	The Revised HRS Q's and A's
9320.7-03FS	The Revised HRS Background Information
Appendix AA.	Flowchart for Site Scoring
Appendix BB.	Site Scoring "Tips"
Appendix CC.	Hazardous Substance Benchmark and Reference Tables
Appendix DD.	HRS Scoring Summary Template (Diskette version provided by EPA).
Appendix EE.	Draft Quality Control Guidance
Appendix FF.	Draft Removal Policy

Upon completion of this task, the Contractor shall submit draft score sheets in template form to EPA. At this time, the contractor and EPA will meet to discuss the scoring strategy that will be used in the preparation of the HRS Package.

Subtask 30NN.3: HRS Documentation Record Production And Submittal to Headquarters

Prepare Draft HRS Package

The Contractor shall produce a draft HRS support documentation and pertinent references in accordance with specifications provided in **Appendix GG**. As an additional reference, **Appendix HH** provides an example of a completed HRS scoring package. As a part of the HRS documentation record the contractor will prepare a one page narrative on the site as specified in **Appendix KK**. The draft HRS support documentation and references will be submitted to the EPA WAM for review. EPA will review and comment on the HRS within two weeks.

Prepare Interim HRS Package

The contractor shall incorporate comments from EPA's initial review and resubmit the HRS to EPA within two weeks. After resubmitting the interim HRS documentation and reference package to EPA, the HRS will be sent back to EPA Headquarters for a very thorough QA review which will take approximately one to four months. The HQ QA contractor will contact EPA if they have questions before they complete their review of the HRS package. If EPA feels that the answer to this question will speed up the QA process, EPA will request that the contractor work with the HQ QA contractor at this time. The contractor may also work with the Region and EPA Headquarters, through meetings in San Francisco, to incorporate comments that result during the QA

process. In responding to EPA QA input, the contractor may either collect additional data or review existing data in more detail. Should field work be required, the Contractor will coordinate any activities under the direction of the WAM.

Respond to HQ Comments and Prepare Final HRS Package

After the HQ QA contractor has completed commenting on the HRS package, HQ will send those comments to the Region. It may be that many of these comments will have been addressed during the HQ QA contractors review, however all issues pertaining to the site will be noted in this letter as a means of tracking problematic areas of the HRS. The contractor will respond to EPA Headquarters comments within 4 weeks of receiving them. After modifying the HRS documentation record in response to comments from EPA Headquarters, the Contractor will submit a memorandum addressing each comment, the revised HRS documentation record and any additional references to the HQ package reviewer. In addition, four complete copies of the final HRS package will be submitted to EPA Region IX and a copy of the memorandum will be sent to the HQ Regional Coordinator.

The schedule for sites that require additional field work will be handled on a case-by-case basis.

Subtask 30NN.4: Collection of Data in Response to Comments on Packages

After an HRS package has been proposed in an NPL Proposed Rule, EPA may require additional information in order to respond to public comment on each proposed listing. The Contractor shall collect and review reference documents at EPA's request to assist EPA in responding to public comment. In the event that additional samples are to be collected, the Contractor will follow the guidelines published in Subtask 20NN.8 and Subtask 20NN.9 of the SWIFT task. All site work shall be conducted as specified by the WAM. Based on findings collected at this stage, the Contractor shall modify the package and rescore the site. The Contractor shall submit to EPA the final HRS package for NPL final rule after the completion of a comment period.

Schedule Summary

<u>Site-Specific Activities</u>	<u># weeks after site assigned</u>	
Preliminary Site Scoring	#1	3 weeks
Draft HRS Package to Region IX	#2	17 weeks
HRS Package for Submittal to HQ	#3	21 weeks
Response to HQ comments and Final HRS Package to Region IX	#4	4 weeks after comments received
Response to public comments		*

* Throughout the term of this work assignment - The NPL rulemaking process may take up to 2 years to complete. Requests

for information will generally be of a periodic, quick turnaround nature that will usually require a small portion of the allocated resources.

List of HRS Package Deliverables

1. Draft Scoresheets
2. Draft HRS Package
3. Revised HRS Package
4. Response to HQ comments and Final HRS Package

Assumption

For budgetary purposes, the contractor should assume that it will be tasked to prepare one Hazard Ranking System package during the performance period.

TASK 4000: NPL PRIORITIZATION

The National Priorities List (NPL) Prioritization will update outstanding SIs performed prior to implementation of the revised HRS. This task will be for the completion of National Priorities List (NPL) prioritization memos and Hazard Ranking System (HRS) score sheets on a specified number of sites.

Through this task, EPA will review sites that have a completed Site Inspection but do not have a final decision regarding the need for further action. Additionally, EPA may review previous SI decisions on sites of special concern. The results of the NPL Prioritization project will enable EPA to determine if a site will score above 28.50 on the HRS and thus is eligible for the NPL.

For each site the contractor will:

- o gather sufficient data and references so that a HRS package could be prepared by EPA at a later date if required
- o prepare a NPL Prioritization Memo
- o prepare HRS score sheets

Each NPL Prioritization for a specific site will be treated as a separate task.

The following items are subtasks for each NPL Prioritization task.

Subtask 40NN.1 - Obtain Background Information

The contractor will review the CERCLIS file as described in Task 2000, Subtask 20NN.1 of the SWIFT Method task. The contractor will also review the Site Inspection Prioritization

(SIP) memorandum that was prepared by EPA's contractor which will identify the HRS data gaps that exist for the site.

These documents will provide information in a format that addresses HRS considerations. The SI will contain confidential HRS worksheets that show how the author derived the site score. The score sheets in the SI should be based mainly on actual and reliable data and should contain few assumptions where information was not documented and referenced. The SIP memorandum will identify where assumptions were made and what HRS information needs to be obtained to fill all data gaps.

The contractor shall be aware of CERCLA Eligibility requirements and policy issues throughout the SIP process. The contractor will follow the guidelines described in Task 2000, Subtask 20NN.2 of the SWIFT Method task to determine CERCLA eligibility.

Subtask 40NN.2 - Assess SI Scoresheets To Determine Any Data Gaps and Collect Missing Data

Following the review of available background information and the assessment of CERCLA eligibility, the contractor shall complete HRS scoresheets or PreScore software to project a HRS score for the site, and determine if any data gaps must be filled at this time. Most, if not all, of the data gaps will have been identified during the Site Inspection Prioritization (SIP) project. The SIP memorandum will be in the CERCLA file. As a part of the SIP project, sites were divided into two categories depending on the degree of additional data needs. EPA will assign sites from the following two categories:

1. Sites that require the collection of varying degrees of desk top data. This will range from sites that need a very limited amount of desk top data (i.e. making a number of phone calls, gathering a limited amount of information by correspondence) to sites which may involve researching specific HRS factors (e.g. target populations, sensitive environments) and may involve going to various state or local agencies to look through their data. Approximately 90% of the sites may be in this category.
2. Sites which require sampling in addition to other data. Approximately 10% of the sites may be in this category.

The categorization will serve as a guide to the level of effort needed to score the site. The contractor will develop their cost estimates based on the data needs and number of sites in each category. However, the contractor will gather the appropriate data and references so that no assumptions are made when scoring the site and a HRS package could be prepared at a later date, if required, regardless of how the site was rated in the SIP project. In rare instances, the SIP project may have over- or underestimated the data needs of the project.

After the contractor reviews the CERCLA file, the PA, SI, HRS scoresheets, SIP memorandum, and identified all data gaps, the contractor will collect information to fill all HRS data gaps. The SI contains contact reports which will have names and numbers of contacts with state and local agencies, as well as with the Potential Responsible Party (PRP) or site owner/operator. The contractor may also need to collect data through files searches. A list of information sources which supports data collection is included as **Appendix II**.

The contractor will follow the guidelines described in Task 2000, Subtask 20NN.1 of the SWIFT Method task for procedures concerning Contact Reports, EPA Files and Staff, State and Local Agencies, Facility Representatives, and Potential Hazardous Waste Site Identification Form.

Subtask 40NN.3 - Field Sampling

This section pertains to the Category 2 sites referred to in Subtask 40NN.2. As part of the SIP project, it was determined that additional sample data collection may need to be performed for a number of sites. Sampling activities will be conducted according to the specifications provided in the SWIFT task. The contractor will follow the procedures stated in Subtask 20NN.4 - Site Reconnaissance Visit, Subtask 20NN.5 - Scoping Session, Subtask 20NN.8 - Sample Plan, and Subtask 20NN.9 - Sampling.

For sites where sampling occurs, the contractor will submit the NPL Prioritization Plan and HRS scoresheets as well as the sample plan, the analytical results of the sampling, and a memo of one to five pages which includes the site description, a summary of the apparent problem at the site and the results of the sampling.

Subtask 40NN.4 - Prepare Final HRS Scoresheets

Once all previous HRS assumptions have been evaluated and hard data has been obtained, the contractor will prepare final HRS score sheets for each site. See **Appendix J** for an example of the scoresheets.

Subtask 40NN.5 - Prepare a NPL Prioritization Memo

The contractor will prepare a NPL Prioritization memo which will evaluate the following factors:

- o **Present and Future State Involvement:** the contractor will contact state agencies to determine the extent of their involvement. The contractor will note any plans the state has for the site as well as actual actions the state may have taken (e.g. enforcement orders).

- o Other Regulatory Agency Involvement: the contractor will contact any other Federal or local regulatory agency that is active at the site. The contractor will note the extent of their involvement.
- o Community Relations/Involvement: the contractor will determine the extent of community interest that exists at the site. Are there any community groups active at the site. The contractor will also note any congressional interest in the site.
- o Relation To Other Sites: the contractor will determine the proximity of this site to any NPL site in the area. The contractor will note if there are any attribution questions concerning the hazardous wastes in the area.
- o HRS Factors: the contractor will do an assessment of the HRS score and assess the representativeness of the HRS score. Is this site scoring because of an overly conservative HRS model (e.g. site has no record of ever receiving hazardous waste yet the site scores on potential to release to groundwater). If the site is scored on potential to release how likely is it that the hazardous waste will get to the media of concern. Conversely, does the site score appear to not capture the perceived risk at the site. The contractor will also note the hazardous waste characteristics (toxicity/persistence/quantity), the affected population, and any nearby sensitive environments in this section. The contractor will note all sampling that has been performed at the site and in what media. The contractor will provide in a table the levels that were found in the samples and how these relate to benchmarks. The contractor will include all low levels and/or non-detects. The contractor will note what health-based benchmark was used for each substance.
- o Matrix Information: the contractor will provide the following information at the end of the NPL Prioritization memo:
 - * HRS score
 - * site name
 - * media with actual releases (groundwater, surface water, air, and/or soil)
 - * level of contamination relative to health-based benchmark (these benchmarks can be found in Appendix CC)
 - * waste type (e.g. metals, pesticides)
 - * sources at the site and their waste quantity (See Appendix X for waste quantity information)
 - * target population (See Appendix X to determine this)
 - * actual contamination (to groundwater, surface water, air, and/or soil) (See Appendix X for the definition of actual contamination)

- * visibility (low-medium-high) - is there congressional of community interest? (Use professional judgement or call EPA if not clear on this)
- * sensitive environment (wetland acreage, number of threatened or endangered species)
- * current state lead (low-medium-high)- Is the State at all active at this site? (Use profesional judgement or call EPA for definition)

This memo should be approximately 2 to 5 pages in length. Appendix W shows an example of this memo. In addition, the contractor will include a site location map.

Schedule Summary

Site-Specific Activities

	Deliverable	# of weeks from Site Assignment
Category 1 sites	#3,4	4 weeks
Category 2 sites		
Obtain Site Access for recon	-	7 weeks
Conduct Recon	-	9 weeks
Scoping Session	-	11 weeks
Sample Plan Submittal	#1	13 weeks
Sample Plan Approval	-	17 weeks
Sample Event	-	18 weeks
Validated Data Received	-	30 weeks
Submit Final Documents to EPA	#2,3,4	33 weeks

List of NPL Prioritization Deliverables

1. Sample Plan with NPL Prioritization Plan and HRS Scoresheets
2. Field Sampling memo
3. HRS Scoresheets
4. NPL Prioritization Memo

Assumption

For budgetary purposes, the contractor shall assume that it will be tasked to prepare one Category 1 NPL Prioritization Memo during the performance period.

TASK 5000: REVIEW OF FEDERAL FACILITY PA/SI/HRS/TECHNICAL DOCUMENTATION

In an effort to fulfill EPA's statutory obligations under Section 120(c) of SARA, EPA has established the Federal Facilities Hazardous Waste Compliance Docket to assure that preliminary assessments (PA), Site Inspections (SI), and HRS evaluations/packages, if required, are conducted for each Federal

facility. Federal facilities on the docket are required to conduct appropriate site assessment activities and submit reports to the EPA. Region IX will review all documents to determine the eligibility of the Federal facilities for National Priorities List (NPL) listing.

The contractor shall provide technical support by personnel with the appropriate expertise and experience needed to evaluate technical data submitted by Federal agencies for compliance with CERCLA Section 120, the National Contingency Plan, the Hazard Ranking System Model, EPA National and Region IX guidance for conducting site assessment activities. Such support includes: (1) review and determine if technical documents prepared by the Federal facility are consistent with the NCP/HRS and relevant guidance, (2) identify data and information gaps that must be filled by the facility so that EPA can complete HRS evaluations, and (3) support EPA in meeting its Federal facility oversight responsibilities with technical assistance and training support.

Site Tracking Requirements

Sites assigned under this Task will be tracked in accordance with Task 1000: Project Planning as outlined in this SOW with the following addition:

Each site will include the level of evaluation being conducted (e.g. PA, SI, or HRS Package)

Initial Meeting with EPA Region IX Staff

Upon receipt of this work assignment, an initial meeting between EPA and the contractor will be held to discuss the following topics:

- * PA/SI evaluation of Federal Facilities documents;
- * Support in issuing letters to Federal facilities;
- * Support in meetings and conferences with Federal facilities;
- * Support in providing training to Federal facilities on the site evaluation program and process (See Task 64NNN).

The meeting will also include discussion on the specific assignment, including anticipated volume, schedule, and unique circumstances.

The following are subtasks to each Federal Facility review:

Subtask 50NN.1 - PA/SI Evaluation and Re-evaluation of Federal Facility Documents

The contractor shall review submittals from the Federal facilities to help determine compliance with CERCLA Section 120 requirements for submitting a preliminary assessment for each facility. For each facility the contractor shall:

- A) Review documents for completeness, technical adequacy, and/or consistency with the HRS, all relevant guidance, policy, and procedures. Some documents needing review may be PA/SI's that were previously reviewed and have been revised to reflect EPA comments. The contractor will use the HRS checklist provided by EPA to determine the completeness of the HRS criteria data. The completed checklist will be forwarded to EPA as part of the site deliverable. The contractor will specifically identify any remaining HRS data gaps and additional information needed for a complete HRS evaluation. This includes identifying sample type (media) and locations, defining approximate number of samples to be taken, identifying the compound(s) to be analyzed.
- B) Contact appropriate facility, County, State, or Federal agency personnel to verify or obtain relevant HRS data. The contractor is required to prepare a contact report to document discussions during the gathering of any supplemental information necessary to fill HRS data gaps in the Federal PA/SI reports. The contact reports become part of the summary report of the facility.
- C) Calculate a preliminary draft score based on the information reviewed and gathered and prepare a summary report describing the findings (in terms of the HRS criteria factors) and stating technical conclusions. The PAScore or the PreScore computer software applications may be used, as directed by EPA Region IX. The scoresheets are part of the deliverable for the site and are considered confidential/predecisional information. The scoresheets shall be printed on fuchsia colored paper with the words "CONFIDENTIAL -PREDECISIONAL" boldly visible.
- D) Prepare a summary report, the Federal Facility Review, for each site. EPA will provide the contractor with a format for the Federal Facility Review. For sites where sufficient information is available to use PreScore and the level of evaluation is the site inspection, the contractor will also develop a facility summary cover memo to be used in assessing priority for HRS scoring packages. EPA will provide the contractor with a format and sample of the cover letter. If a site at the site inspection level appears to score for the NPL, the contractor will also prepare a NPL Prioritization Memo and include a data summary as presented in Attachment W.
- E) Review of Field Sample Plans (FSP) - For high priority Federal sites, the contractor may be asked to review the field sampling plan to ensure that the proposed work will satisfy all the outstanding HRS data gaps. The contractor will prepare a report which identifies the suitability of the proposed work, identifies any HRS deficiencies, and

makes recommendations if changes to the work plan are warranted. EPA will work with the contractor to develop the report format.

- F) Federal Facility NPL Prioritization Memo - The contractor may be asked to prepare NPL Prioritization Memos with data summary reviews for Federal Facility sites which have already been evaluated. Memos should be prepared consistent with the example in Appendix W. Minimal data collection may be done.

Subtask 50NN.2 - Prepare Letters to Federal Facilities

Upon review of the federal facility document(s), the contractor will draft standard letters to Federal facilities regarding their compliance with the provisions of CERLCA Section 120. The letters will be sent by EPA. Samples of the various standard letters will be provided to the contractor by EPA. The types of letters that may be prepared include:

- o Federal facilities that need to submit a PA/SI,
- o Federal facilities that submitted deficient reports and need to submit additional information for HRS scoring,
- o Federal facilities that no longer warrant further investigation or study.

Schedule Summary

	<u>Deliverable</u>	<u># of weeks from Site Assignment</u>
Federal Facility Review (FFR) summary, cover memo, and scoresheets (as appropriate, NPL Prioritization memos)	#1	10 working days after completion of review, evaluation, and comment by EPA
Field Sample Plan reviews	#2	10 working days after completion of review, evaluation, and comment by EPA
NPL Prioritization Memos	#3	10 working days after completion of review, evaluation, and comment by EPA
Letters to Federal facilities	#4	10 working days after receipt of submittals of data from Federal facilities or at the time of delivery of FFR report

List of Federal Facility Deliverables

1. Federal Facility Review (FFR) summary, cover memo, and scoresheets
2. Field Sample Plan reviews
3. NPL Prioritization memos
4. Federal facility letters

Assumption

For budgetary purposes, the contractor should assume that it will be tasked to complete approximately 27 Federal Facility Reviews during the performance period, approximately 5 Field Sample Plan reviews, and approximately 10 NPL memos. The contractor should assume a 2 hour initial meeting.

TASK 6000: TECHNICAL SUPPORT

I. Background and Purpose

A) Background

The site assessment program routinely evaluates sites through preliminary assessments (PA), site inspections (SI), and, when appropriate, expanded site inspections (ESI). These evaluations provide the technical HRS data needed to quantify the relative risk at a specific site. However, the site assessment program also requires technical support projects that do not fall within the categories of standard activities described above. In addition to evaluating sites, the site assessment program enters into cooperative agreements with Region IX states. This is done in order to efficiently accomplish evaluation of facilities within these states without duplication of effort. The site assessment program also works closely with Federal Facilities to ensure that CERCLA requirements for federal facility assessments are met. Technical support involves activities such as:

- Review of State PA/SI/FSP documents,
- Providing support for PA/SI/HRS training,
- Participation in sampling site scoping sessions,
- Response to public comments made on PA, SI, or ESI reports,
- Other technical document reviews i.e. sample plans, PRP / State reports on high priority sites.
- Site-specific technical support

Many of these technical support activities relate to addressing various issues and situations that may unexpectedly arise. In addition, technical support projects often play a supportive role in assisting with the site assessment activities of other programs (i.e. states site assessment programs funded by EPA).

B) Purpose

These tasks enable EPA to provide technical expertise to States and Federal Facilities and to initiate activities on various projects related to the site assessment program.

- Task 61NN - Response to Comments on PA/SI/ESI Reports
- Task 62NN - Conduct Technical Document Reviews for High Priority Sites
- Task 63NN - Review State PA/SI/FSP or other Technical Documents
- Task 64NN - Provide PA/SI/HRS Training
- Task 6501 - Casmalia Expanded Site Inspection (ESI)

TASK 61NN: SITE SPECIFIC RESPONSE TO COMMENTS ON PA/SI/ESI REPORTS

Occasionally the public or a facility owner/operator will submit comments or clarification on a PA, SI or ESI report prepared by the contractor. When this is the case, the contractor may be tasked to conduct a review of the comments and compare them with the PA/SI or ESI report to determine if the comments impact the original technical conclusions.

Once this evaluation is completed, the contractor shall provide a written response to comments to the appropriate EPA Site Assessment Manager (SAM) with a copy for the commenter. This is true in cases when the comments do not change the EPA recommendation for the site. In cases when comments do change the EPA recommendation on the site, the contractor shall also submit to EPA copies of the written response for those parties who initially received a copy of the EPA PA/SI/ESI report. The contractor will also submit a copy of the transmittal report that lists the name, agency and address of individuals that received a copy of the original PA/SI/ESI report. EPA will distribute the written response to comments to the recipients of the original report. Appendix LL lists Site Assessment Manager and other EPA contacts.

In cases where the comments received do not impact the technical evaluation but warrant a response of an EPA policy nature, the contractor shall refer the matter back to the SAM.

Schedule Summary

Site Specific Activities

	Deliverable #	Weeks from WAF or TDM
Submit final response to comments	#1	3 weeks

List of Site Specific Responses to Comments Deliverables

1. Completed Memo

Assumptions

For budgetary purposes, the contractor shall assume that it will be tasked to prepare two responses to comments during the performance period.

TASK 62NN - CONDUCT TECHNICAL DOCUMENT REVIEWS FOR HIGH PRIORITY/VISIBILITY SITES

In some instances high priority or high visibility sites are referred to the Site Evaluation Program by other EPA programs or State/local agencies. When this is the case, the contractor may be requested to review technical documents to assess the site and identify additional information needed to meet EPA PA/SI/ESI and HRS criteria. In addition, the contractor may be required to obtain additional information from various private, federal, state and/or local agencies.

Under this task, the Contractor will conduct a technical review of documents and project reports provided by EPA. After reviewing a document or set of documents for a particular site, the Contractor will produce a technical report discussing the technical accuracy and appropriateness of the sampling and analytical methods, data and data analyses used in the document i.e. were sampling locations appropriate, were appropriate analytes sampled, were EPA approved sampling methods used, does data have laboratory QA/QC documentation. This will include a determination on whether sampling locations and/or analytes were appropriate given the site history/background/waste management practices, if appropriate EPA sampling and analysis methods were employed, and if the scope of sampling was sufficient to derive an HRS score and EPA recommendation, or identifying data gaps and future sampling needs.

Under this task, the Contractor will review both State and Federal facility reports as well as other reports (e.g. reports generated by a facility). If the State, Federal or facility generated reports do not contain HRS score sheets, the Contractor shall gather the needed information by contacting private, State,

Federal or local agencies, prepare and submit HRS score sheets with the technical summary. See Appendix J for an example of the HRS scoresheets.

Subtask 62NN.1 - Prepare NPL Prioritization Memo

If the contractor determines there is enough information available to prepare an HRS package, the contractor will prepare a NPL Prioritization memo for the site. Refer to the NPL Prioritization task description, Subtask 40NNN.5 - Prepare an NPL Prioritization Memo, for guidance on this.

Subtask 62NN.2 - Contact Reports

Refer to SWIFT method task description subtask 20NNN.1 - Obtain Background Information. The contractor will follow the guidelines set forth under Contact Reports, and State and Local Agencies.

Schedule Summary

Site Specific Activities

	Deliverable #	Weeks from WAF or TDM
Submit technical report to EPA	#1	4 weeks
Complete NPL Prioritization Memo	#2	with final report

List of Technical Document Review Deliverables

1. Technical Report with HRS Score Sheets
2. NPL Prioritization Memo, if appropriate

Assumptions

For budgetary purposes, the contractor shall assume that it will prepare one technical report with HRS Score Sheets and one subsequent NPL Prioritization Memo during the performance period.

TASK 63NN - REVIEW STATE PA/SI/FSP OR OTHER TECHNICAL DOCUMENTS

Under cooperative agreements, state agencies conduct PAs, SIs, and develop field sampling plans (FSPs) based on EPA criteria. Under this task the contractor will be requested to review these documents to determine if they meet EPA PA/SI/FSP criteria.

The Contractor will be tasked to conduct a technical review of PA/SI or field sample plan reports prepared by State or Local agencies as provided by EPA. These documents will be reviewed to determine if EPA requirements for PA/SI/HRS criteria/information are fully met. After reviewing a document or set of documents

for a particular site, the Contractor will produce a technical report discussing the technical accuracy and appropriateness of the sampling and analytical methods, data and data analyses used in the document based on EPA PA/SI/HRS requirements i.e. were sampling locations appropriate, were appropriate analytes sampled, were EPA approved sampling methods used, does data have laboratory QA/QC documentation. This will include a determination on whether sampling locations and/or analytes were appropriate given the site history/background/waste management practices, if appropriate EPA sampling and analysis methods were employed, and if the scope of sampling was sufficient to derive an HRS score and EPA recommendation, or identifying data gaps and future sampling needs.

PA Review: This review generally consists of an evaluation of the information gathered and HRS assumptions made in the PA report. This also includes identifying any significant additional HRS data gaps needed to support the PA HRS assumptions. In cases where the State PA is deficient and data is easily obtainable, the information is gathered by the contractor and used to strengthen the PA assumptions. In addition, the report is evaluated for overall thoroughness based on EPA PA and HRS criteria and a quality control review of the HRS score sheets is conducted. The adequacy of the HRS information obtained is also evaluated. This evaluation is designed to assist the State in compiling PAs that meet EPA quality and data requirements.

SI Review: This review confirms that the hypotheses and assumptions in the PA have been verified and that the necessary hard data has been obtained based on EPA SI and HRS Guidance.

FSP Review: This review includes an evaluation to ensure that the EPA Quality Assurance and HRS data requirements are being met. The review consists of evaluating the sample plan to ensure that appropriateness of sample locations, analytes, and EPA QAMS and HRS requirements are being fully met by the sampling event.

If any of the PA/SI reports do not contain an estimated HRS score, the Contractor shall prepare one for EPA and submit it with the technical summary report.

If the contractor determines there is enough information available after the Site Inspection to prepare an HRS package, the contractor will prepare a NPL Prioritization memo for the site. Refer to the NPL Prioritization task description, Subtask 40NN.5 - Prepare an NPL Prioritization Memo, for guidance on this.

Schedule Summary

Site Specific Activities

	Deliverable #	Weeks from WAF or TDM
Final report for PAs to EPA	#1	2 weeks
Final report for SIs to EPA	#1	4 weeks
Final report for FSPs to EPA	#1	4 weeks
Complete NPL Prioritization Memo	#2	with final report

List of State PA/SI/FSP Document Review Deliverables

1. Technical summary memo with HRS Score Sheets
2. NPL Prioritization Memo, if appropriate

Assumptions

For budgetary purposes, the contractor shall assume that it will be tasked to perform two document reviews and one NPL Prioritization Memo during the performance period.

TASK 64NN - PROVIDE PA/SI/HRS TRAINING

Under this task the Contractor may be tasked to lend support when EPA conducts site assessment seminars or workshops for both Federal facilities and state personnel and their contractors. The seminar topics include the general approach on how to conduct PAs, SIs, and produce HRS packages. The material should focus on collection and processing the correct HRS information as well as any steps that may expedite the investigation process. The Contractor should draw on existing EPA PA, SI, HRS guidance material in developing a presentation and may reference any other regional strategies or standard operating procedures for site assessment work.

The Contractor will offer support to EPA in developing presentations on the practical and technical aspects of conducting site assessment investigations. The Contractor may also be tasked to make presentations on procedures for conducting EPA site investigations. The Contractor may also conduct and/or participate in technical consultations with State, Federal Facility, and their contractors as assigned. As an example, these technical consultations consist of discussion on:

- determining whether sampling at the site is appropriate;
- determining additional data needed to meet PA/SI/ESI/HRS requirements;
- determining sampling strategy/options to meet HRS criteria.

The contractor may also be tasked to provide computer model training to Federal facilities on PAScore and PREScore.

Assumptions

The contractor should assume 2 staff members will participate in one three-day training course in San Francisco. The contractor should also assume 3 Federal facility training sessions at state offices (USDOI Bureau of Land Management in Sacramento and Reno, plus USDA Forest Service in Pleasant Hill, California).

TASK 6501 - CASMALIA EXPANDED SITE INSPECTION (ESI)

This Task will include three field sampling events to be conducted by the contractor at the Casmalia Resources facility located in Santa Barbara County, California. These planned sampling events build upon site inspection activities previously completed by EPA. All project planning activities for this Task will be reported and conducted according to Task 1000: Project Management.

The contractor will conduct two quarterly groundwater sampling events, conducted according to the following schedule:

Week of April 13, 1993
Week of July 13, 1993

Groundwater sampling is to be conducted at thirteen off-site wells in accordance with the sample plan developed and implemented in accordance with Subtasks 20NN.8 and 20NN.9.

Following each quarterly sampling event, the contractor will review and summarize highlights from the validated analytical data and findings in a brief cover memo to EPA.

In addition, after the July 1993 sampling event, the contractor will prepare a brief Expanded Site Inspection summary report. This deliverable should follow the standard format provided as part of Subtask 20NN.10. The ESI summary report will summarize activities and findings from sampling conducted previously at the site in October 1992 and February 1993 (obtainable from the EPA SAM), as well as these two groundwater sampling events, to provide an overall view of four quarters of sampling at this site.

Schedule Summary

<u>Site-Specific Activities</u>	<u>Del. #</u>	<u># of weeks from site assignment</u>
Sample Plan Submittal	#1	3 weeks
Sample Plan Approval	-	5 weeks
Sample Event	-	As assigned
Validated Data Received	-	6 weeks from sampling event

Submit Draft SI Report to EPA	#2	8 weeks from sampling event
Receive Comments	-	10 weeks from sampling event
Submit Final SI Report to EPA	#3	11 weeks from sampling event
Submit ESI summary report to EPA	#4	September 30, 1993

List of Casmalia ESI Deliverables

1. Sample Plan
2. Draft SI Report
3. Final SI Report
4. ESI summary report

Assumptions

For budgetary purposes, should assume 123 hours of staff time for each quarterly sampling event and 36 hours of report preparation time for each quarterly sampling event. The contractor should also assume 40 hours for preparation of the ESI summary report.

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Appendix F:	Potential Hazardous Waste Site Identification Form EPA Form 2070-11
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Appendix J:	HRS Score Sheet Example
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Appendix M:	Site Visit Confirmation Letter
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Appendix R:	Format for PA and SI Summary Reports
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Appendix X: HRS Rule (Previously issued to URS)

Appendix Y: HRS Package Preparation Training Material
(Previously issued to URS)

Appendix Z: HRS Fact Sheets

Appendix AA: Flowsheet for Site Scoring

Appendix BB: Site Scoring "Tips"

Appendix CC: Hazardous Substance Benchmark and Reference Tables

Appendix DD: HRS Scoring Summary Template

Appendix EE: Draft Quality Control Guidance

Appendix FF: Draft Removal Policy

Appendix GG: NPL Package Specifications

Appendix HH: NPL Package Example

Appendix II: HRS Information Sources

Appendix JJ: Corrective Action Criteria

Appendix KK: Guidelines for Preparation of NPL Site Summaries

Appendix LL: EPA Site Assessment Contacts

APPENDIX A

List of Site Assignments

Task 2000 - SWIFT Method Site Assessments

Preliminary Assessments/Site Inspections

Billiton Exploration USA, Standard Hill Mine,
Mojave, CA 93502
CERCLIS No. CAD983650045

Duncan Enterprises, 5673 East Shields Avenue,
Fresno, CA 93727
CERCLIS No. CAD009103672

Dyer Business Park, 1800 Newpark Park,
Santa Ana, CA 92705
CERCLIS No. CAD983649286

*Exxon Chemical Company - Bakersfield Building,
3240 Patton Way Near Hwy 58,
Bakersfield, CA 93303
CERCLIS No. CAD06206195

Hughes Aircraft Company - Fullerton, 4201 Bonita,
Fullerton, CA 92634
CERCLIS No. CAD981382500

*Hughes Aircraft Company - Anaheim 1,
500 E La Palma, Anaheim, CA 92807
CERCLIS No. CAD981452006

*Hughes Aircraft Company - Anaheim,
5605 E La Palma, Anaheim, CA 92807
CERCLIS No. CAD981451941

*Hughes Aircraft Company - Buena Park,
7000 Village Drive, Buena Park, CA 90620
CERCLIS No. CAD981451768

*Hughes Aircraft Company - Buena Park 1,
8475 Artesia, Buena Park, CA 90620
CERCLIS No. CAD981451701

*Hughes Aircraft Company - Fullerton,
2011 Raymer Avenue, Fullerton, CA 92634
CERCLIS No. CAD981451883

* RCRA Facility

*Hughes Aircraft Company - Santa Fe Springs,
14501 Valley View, Santa Fe Springs, CA 90670
CERCLIS No. CAD981451644

*Mobil Chemical Company, 2024 Norris Road,
Bakersfield, CA 93308
CERCLIS No. CAD041231945

PG&E Fresno 2, Fresno & Tulare Streets,
Fresno, CA 93706
CERCLIS No. CAD983650102

*PG&E Pittsburg Power Plant, 696 W 10th Street,
Pittsburg, CA
CERCLIS No. CAT080011695

Purgro Company (Heber), 89 Main Street,
Heber, CA 92249
CERCLIS No. CAD983639543

Shell Biological (Development), Stoddard Road,
Salida, CA 95368
CERCLIS No. CAD028690311

Simplot, Jefferson Blvd 100 yds N of Courtland Road,
Clarksburg, CA 95612
CERCLIS No. CAD983650136

Swansea Site, T16S, R37E, Sec 24, SE SW,
Keeler, CA 93530
CERCLIS No. CA2141190577

PA/SI Contingency Sites

*Dracon Industries, 9541 Mason Avenue,
Chatsworth, CA 91311
CERCLIS No. CAD008508475

NI West Incorporated, 3011 Humboldt Street,
Los Angeles, CA 90031
CERCLIS No. CAD983657529

Sanmina Corporation, 2101 O'Toole, San Jose, CA 95131
CERCLIS No. CAD082902859

*Victor Industries, 365 East 20th Street,
Chico, CA 95928
CERCLIS No. CAD094375706

Non-Sampling Site Inspections

Almanor Manufacturing Company, 763 Main Street,
Chester, CA 96020
CERCLIS No. CAD982358335

Chevron Chemical Company, 928 Garden Hwy,
Yuba City, CA 95991
CERCLIS No. CAD000625640

FMC Corporation, 3100 Duluth, West Sacramento, CA 95691
CERCLIS No. CAD982359010

FMC Corporation Agricultural Chemical Division,
B & Craddock Streets, Yuba City, CA 95991
CERCLIS No. CAD070306188

General Electric, 6900 Stanford Avenue,
Los Angeles, CA 90001
CERCLIS No. CAD980816144

Marinship, Spring Road & Gate 5 Road to Bay,
Sausalito, CA 94965
CERCLIS No. CAD982400715

North American Transformer, 1200 Piper Drive,
Milpitas, CA 95035
CERCLIS No. CAD044867604

Polyvinyl Chem Incorporated, 501 Green Island Road,
Vallejo, CA 94590
CERCLIS No. CAD061163325

Puregro Company Unit 127, 4900 Del Monte Avenue,
Robbins, CA 95676
CERCLIS No. CAD000631408

Puregro Company Unit 177, Central Valley Hwy &
Nevada, Corcoran, CA 93212
CERCLIS No. CAD041652090

Non-Sampling SI Contingency Sites

French Camp Site, 4599 Manthey Road,
French Camp, CA 95231
CERCLIS No. CAD982359127
Check this site for removals and closures prior to
opening SI

Hellyer Park, Hellyer Avenue & Hwy 101,
San Jose, CA 95111
CERCLIS No. CAD983592551

Hewlett Packard Mfg. Print Circuits, 3215 Porter Drive,
Building #15, Palo Alto, CA 94304
CERCLIS No. CAD009122540

Task 5000 - Review of Federal Facility PA/SI/HRS/Technical
Documentation

Naval Supply Center, Point Molate, Western Drive of SR 17,
Richmond, CA 94801
CERCLIS No. CA0170090021

Western Area Power Administration, Tracy Station,
Mountain & Kelsa Roads, Tracy, CA 95376
CERCLIS No. CA0890090004

Yuma Projects Office, USDI, 3800 Avenue SE, Yuma AZ 85365
CERCLIS No. AZ5142390025

Fort Irwin National Training Center, Avawatz Valley,
Fort Irwin, CA 92311
CERCLIS No. CA5213790038
Needs an ESI

Fallon Naval Air Station, Fallon NV 89406
CERCLIS No. NV9170022173

Needles Disposal Site, US Hyw 95, Needles, CA 92363
CERCLIS No. CA8141190100

Tustin Marine Corp Air Station, Tustin, CA 92710-5001
CERCLIS No. CA9170090022

Elverta Maintenance Facility Substation, 7940 Sorento Road,
Elverta, CA 95626
CERCLIS No. CA9890090053

Nellis Air Force Base, Nellis AFB, Las Vegas, NV 89121
CERCLIS No. NV7570024110
aka Indian Springs

Keswick Substation, 2296 Keswick Dam Road, Redding, CA 96003
CERCLIS No. CA9890090005

Defense Reutilization and Marketing - Manana Storage Area
Pearl City, HI 96782
CERCLIS No. HI3170090002

Barry M. Goldwater Air Force Base, Luke AFB/LGTIC 832,
Phoenix, CA 85309
CERCLIS No. AZ5572124514

Walker Mine, Sec 18 R12E 20 mi E of Quincy, CA 95971
CERCLIS No. CA9141190570

Wheeler Air Force Base, Honolulu, HI 96786
CERCLIS No. HI3573028732

Pacific Missile Test Center, Naval Air Station - Pt. Magu
Point Magu, CA 93042
CERCLIS No. CA9170027271

Twentynine Palms MCAGCC, End of Adobe Road,
Twenty Nine Palms, CA 92278-5000
CERCLIS No. CA0170090013

Shasta Trinity National Forest, Redding, CA 96001
CERCLIS No. CA6122307642
Lakeshore Landfill, Golinsky Mine source areas and
other sites

Stanislaus National Forest, Sonora, CA 95370
CERCLIS No. CA3122307645
Juniper Mine source area and other sites

Cleveland National Forest, 12500 Pomerado Road,
San Diego, CA 92131
CERCLIS No. CA4170090159
Mount Laguna Landfill source area and other sites

Sierra National Forest, Fresno, CA 93721
CERCLIS No. CA5122307643
North fork Station Chemical Building, Bass Lake
Landfill, and Big Creek Pesticide Storage Building
source areas and other sites

Grantsville Mine, T11N R39E Sec 2,3,10,11, Gabbs, NV 89409
CERCLIS No. NVD986775252
aka North Umlerland Mine

Veta Grande Mining Company, Hwy 95 S, Gardnerville, NV 89410
CERCLIS No. NVD038275020

Douglas County Sanitary Landfill, Sec 18 T12N R21E,
5 mi SE of Gardnerville, NV 89410
CERCLIS No. NVD980817662

Osage Industries, 60th West, Rosamond, CA 93560
CERCLIS No. CA7141190572

Sandy Valley Landfill, 2 mi NE of the settlement of Sandy,
NV 89119
CERCLIS No. NVD989676608

To Be Determined

USEPA

WORK ASSIGNMENT FORM /

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 1

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: June 21, 1993

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input checked="" type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-93

Revised: 9-30-95

5. EPA COMMENTS:

Site Assessment II Work Plan, Revision No. 1, dated 6-15-93 is approved.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

Mark E. Lewis for Bill R.itchard 29 June 93

EPA Remedial Project Manager/Date

Leslie M. Hester 6-21-93

Contractor Regional Manager/Date

Bruce D. Appel 6/29/93

EPA Project Officer/Date

Shirley P. Niksat 6/21/93

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Simmons 6-22-93

cc: 1. EPA PO

2. WAM

3. EPA CO

DNL# 3014
 FILE NO. 62310.11 01.01 1993
 CC: *MSM*
 PM ☒ DPM ☒ SM ☐ C/SCM ☒ FILE ☒

URS CONSULTANTS, INC.

JUN 29 1993

RECEIVED

URS CONSULTANTS, INC.

JUN 29 1993

RECEIVED



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, Ca. 94105-3901

June 25, 1993

Mr. Bruce Appel
URS Consultants, Inc.
2710 Gateway Oaks Dr.
Suite 250 North
Sacramento, CA 95833

Dear Bruce,

The Work Assignment Form (WAF #1) recently sent to you for the approval of the Site Assessment II Work Assignment revised the period of performance prematurely. The change to 9/30/95 should not be construed to indicate that this Region intends to keep this Work Assignment active until that date. As you know, Regional Site Assessment activities and goals are determined on a yearly basis in discussions between EPA Headquarters and this Region. Therefore, it is not known at this time whether or not there will be additional sites assigned to URS for this Work Assignment or the level of effort for subsequent activities. However, we expect to have a decision regarding additional work for the next federal fiscal year on or about August 18, 1993. At that time you will be notified and, if necessary, requested to amend your Work Plan shortly thereafter to cover the period requested.

Any questions should be referred to Travis Cain at (415) 744-2341.

Sincerely,

Sherry L. Nikzat
Sherry L. Nikzat

cc:

URS SAI file e.
Johnson
Mix
Simmons

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 2

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: August 4, 1993

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

Appendix A of the Statement of Work is amended to add and remove assigned sites as detailed in the attachment to this WAF.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Fitzhugh 8-10-93

EPA Remedial Project Manager/Date

Kileen A. Brown 8-5-93

Contractor Regional Manager/Date

Bruce D. Lloyd, URS 8/16/93

EPA Project Officer/Date

Paul C. Cain 8/5/93

- ☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DNL# 3016
FILE NO. 6230.01 01.21 1993
CC:
PM ☒ DPM ☐ SM ☐ C/SCM ☒ FILE ☒

URS CONSULTANTS, INC.

AUG 09 1993

RECEIVED

Work Assignment No. 54-27-9JZZ
Attachment for WAF #2 - August 4, 1993

REMOVE the following sites from Appendix A of the SOW:

Task 2000 - SWIFT Method Site Assessments

Preliminary Assessments/Site Inspections

Dyer Business Park, 1800 Newpark Park,
Santa Ana, CA 92705
CERCLIS No. CAD983649286

PG&E Fresno 2, Fresno and Tulare Streets,
Fresno, CA 93706
CERCLIS No. CAD983650102

Simplot, Jefferson Blvd 100 yds N of Courtland Road,
Clarksburg, CA 95612
CERCLIS No. CAD983650136

Swansea Site, T16S, R37E, Section 24, SE SW,
Keeler, CA 93530
CERCLIS No. CA2141190577

PA/SI Contingency Sites

NI West Incorporated, 3011 Humboldt Street,
Los Angeles, CA 90031
CERCLIS No. CAD983657529

Sanmina Coproration, 2101 O'Toole, San Jose, CA 95131
CERCLIS No. CAD082902859

Victor Industries, 365 East 20th Street,
Chico, CA 95928
CERCLIS No. CAD094375706

Non-Sampling Site Inspections

Almanor Manufacturing Company, 763 Main Street,
Chester, CA 96020
CERLCIS No. CAD982358335

FMC Corporation, 3100 Duluth, West Sacramento, CA 95691
CERCLIS No. CAD982359010

General Electric, 6900 Stanford Avenue,
Los Angeles, CA 90001
CERCLIS No. CAD980816144

Henderson Landfill, T21S R63E Section 28, 29,
Henderson, NV 89009
NV1141190024

Makua Military Reservation, Waianae, HI 96792
HI7210022227

NASA Ames, Moffett Field, CA 94035
CA1800005034

Kure Atoll, US Coast Guard, Prince Kalaniana'ole Federal
Building, 300 Ala Moana Blvd., Suite 8122,
Honolulu, HI 96850
HID984470039

Kern Valley Sanitary Landfill, T25S R33E, N 1/2 SW 1/4
Sec 35, Kernville, CA 93238
CA3141190584

US Postal Service, Los Gatos Annex, Campbell, CA
CA0983664756

US Navy Naval Weapons Station Seal Beach, Pomona Annex,
1675 Million Blvd., Pomona, CA 91769
CA3170090549

US Customs Service Lab, 630 Sansome Street, Room 1508,
San Francisco, CA
CA9470090177

Naval Facility Centerville Beach, Centerville Beach Road,
Ferndale, CA 95536
CA4170090217

Portsmouth Naval Housing Area, 25th Street & El Anita Drive,
San Pedro, CA 90732
CA3170090499

Texaco Landfill, Section 8
CA0983665803

Sunnyvale Air Force Station, 1080 Lockheed Way,
Sunnyvale, CA 94806
CA8570025736

US Geological Survey, 345 Middlefield Road,
San Mateo, CA 94025
CA2470090364

Federal Corrections Institute, Lompoc, CA 93436
CA2151914015

Marinship, Spring Road & Gate 5 Road to Bay,
Sausalito, CA 94965
CERCLIS No. CAD982400715

North American Transformer, 1200 Piper Drive,
Milpitas, CA 95035
CERCLIS No. CAD044867604

Polyvinyl Chem Incorporated, 501 Green Island Road,
Vallejo, CA 94590
CERCLIS No. CAD061163325

Non-Sampling SI Contingency Sites

Hellyer Park, Hellyer Avenue & Hwy 101,
San Jose, CA 95111
CERCLIS No. CAD983592551

Hewlett Packard Mfg. Print Circuits, 3215 Porter Drive,
Building #15, Palo Alto, CA 94304
CERCLIS No. CAD009122540

Task 5000 - Review of Federal Facility PA/SI/HRS/Technical
Documentation

Fort Irwin National Training Center, Avawatz Valley,
Fort Irwin, CA 92311
CERCLIS No. CA5213790038

Douglas County Sanitary Landfill, Sec 18 T12N R21E,
5 mi SE of Gardnerville, NV 89410
CERCLIS No. NVD980817662

Sandy Valley Landfill, 2 mi NE of the settlement of
Sandy, NV 89119
CERCLIS No. NVD989676608

ADD the following sites to Appendix A of the SOW:

Task 5000 - Review of Federal Facility PA/SI/HRS/Technical
Documentation

Swansea Site, T16S, R37E, Section 24, SE SW,
Keeler, CA 93530
CERCLIS No. CA2141190577

Navajo Army Depot, Flagstaff, AZ
AZ7213820635

ONLY 3020 1993
FILE NO. 62310 0121
CC: _____
PM ☐ DPM ☐ SM ☒ C/SCM ☐ FILE ☒

Work Assignment No. 54-27-9JZZ

Attachment to WAF Revision No. 3 - August 26, 1993

ADD the following sites to Appendix A of the Statement of Work:

Task 2000 - SWIFT Method Preliminary Assessments

Preliminary Assessments/Site Inspections

Coherent Inc., 3110 Porter Drive, Palo Alto, CA 94304
CERCLIS No. CAD043719210

Cypress Steel Corp., 7001 San Leandro Blvd.,
Oakland, CA 94621
CERCLIS No. CAD983662289

Ford Aerospace - Facility, 3150 Jamboree Blvd,
Suite 500, Newport Beach, CA 92660
CERCLIS No. CAD983623257

McDonnell - Douglas Aircraft, 19503 Normandie Ave. S,
Torrance, CA 90502
CERCLIS No. CAD086510005

Memorex, San Tomas at Central Expressway,
Santa Clara, CA 95052
CERCLIS No. CAD009142415

Tamco, 12459 Arrow Highway, Rancho Cucamonga, CA 91739
CERCLIS No. CAD983662560

Trend Circuits, 3555 Thomas Road, Santa Clara, CA 95954
CERCLIS No. CAD980880843

Non-Sampling Site Inspections

Hellyer Park, Hellyer Avenue and Highway 101,
San Jose, CA 95111
CERCLIS No. CAD983592551

General Electric, 6900 Stanford Ave.,
Los Angeles, CA 90001
CERCLIS No. CAD980816144



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

Sept. 24, 1993

Mr. Bruce Appel
Program Manager
URS Consultants, Inc.
2710 Gateway Oaks Drive,
Suite 250 North
Sacramento, CA 95833

Subject: Modification No. 87 under Contract No. 68-W9-0054

Dear Bruce:

Attached is Modification No. 87 which provides \$3,004,000 in total funding; \$533,000 for program management and \$2,471,000 for remedial work. Work Assignment forms are attached.

The program management funding is estimated to last through October 31, 1994, based on URS's current expenditure pattern. URS's efforts since approximately June 1993 to reduce PMO costs have been outstanding. The PMO charges for August 1993 according to Voucher #62 were \$30,766. This is a big improvement over what it had been.

Two initial work assignments are attached: Mather AFB and Newmark RD/RA. Incremental funding is provided for Site Assessment II and Ordot. The funding is added to Ordot in anticipation of a final negotiated cost settlement. Also, attached is a Work Plan approval for the Williams & Luke work assignment:

54-36-9365	Initial	Mather AFB	533,000	(\$25,000/250 LOE: IB & EL)
54-37-9NJ5	Initial	Newm.RD/RA	2MIL	(\$50,000/500 LOE: IB & EL)
54-19-9RA7	Rev. 3	Ordot	12,000	(-0- -0- IB & EL)
54-27-9JZZ	Rev. 3	SiteAssmt2	409,000	(+\$8,000/100 LOE: IB & EL)
54-33-93Q1	Rev. 1	Wms & Luke	-0-	(-42,700/400 LOE from IB and +119,300/1230 LOE to EL)

If any questions on the above, please call me at 415/744-1697.

Sincerely,

Jeri Simmons
Contracting Officer

cc: Travis Cain, PO
✓ Jere Johnson, WAM
Kevin Mayer, WAM
Bret Moxley, WAM
Brian Swarthout, WAM
Ramon Mendoza, WAM
Michelle Schutz, WAM

US Environmental Protection Agency Washington, DC 20460		1 Name of Originator Jerelean M. Johnson		2 Date of Requisition 9-9-93	
EPA Procurement Request/Order		3 Mail Code H-8-1	4 Telephone Number 415-744-2345	5 Date Item Required ASAP	
6 Signature of Originator <i>Jerelean M. Johnson</i>			7 Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase		
8 Deliver To (Project Manager) Jerelean M. Johnson		9 Address EPA Region 9 75 Hawthorne Street, SF 94105		10 Mail Code H-8-1	11 Telephone Number 415-744-2345
12 Financial Data	a. Appropriation 68-20X8145	b. Servicing Finance Office Number 22		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
FMO Use (c) (13 digits)		D 1 (d)	Document Control Number (e) (6 digits) 3J0022	Object Class (g) (4 digits) 2535	Amount (h) Dollars \$409,000.00 Cents
			Account Number (f) (10 digits) 3TFA9AKJZZ		
13 Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Drive, Suite 250 North Sacramento, CA 95833			14 Amount of money committed is <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease		15 For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less <input type="checkbox"/> Yes <input type="checkbox"/> No
16 Approvals					
a. Branch/Office Donald White, Chief, Field Ops.		Date 9/14/93	d. Property Management Officer/Designee		Date
b. Division/Office Keith Takata, Dep. Dir. Superfund		Date 9-15-93	e. Other (Specify)		Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved Ivania Brown, Admin. Officer		Date 9/16/93	f. Other (Specify)		Date
17 Date of Order		18 Order Number		19 Contract Number (if any)	
21 FOB Point		22 Delivery to FOB Point by On or before (Date)		23 Person Taking Order/Quote and Phone No.	
24 Contractor (Name, address, ZIP Code)			25 Type of Order <input type="checkbox"/> a. Purchase Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19) c. <input type="checkbox"/> Oral <input type="checkbox"/> Written <input type="checkbox"/> Confirming		
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Quantity Accepted (f)
	Incremental funding for FY94 Site Assessment activities. Contractor will produce Federal Facility reviews, Preliminary Assessments, and Site Inspections consistent with current Statement of Work. Contract No. 68-W9-0054 Work Assignment No.: 54-27-9JZZ Site Assessment II				409,000.00

USEPA		WORK ASSIGNMENT FORM A	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment II	EPA Contract No.: 68-W9-0054	Revision No.: 4	
Contractor: URS Consultants, Inc.	Modification No.: — (C.O. Use Only)	Date: October 20, 1993	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input type="checkbox"/> Technical Direction Memorandum	
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/> Work Assignment Completion Notification	
<input type="checkbox"/> Incremental Funding	<input checked="" type="checkbox"/> Amendment to Final Work Plan Approval		

(b) (4)

4. WA COMPLETION DATE		Current: 9-30-95	Revised:
5. EPA COMMENTS:			
Workplan Revision No. 2, dated 10/08/93, is approved. Attached is a list of 23 of the 30 Federal Facility sites which were added to Appendix A of the Statement of Work by Work Assignment Form Revision 3, dated 8/26/93, and were to be named later. <i>Note: total approved work plan budget (15,520 WE + \$1,189,779) has been estimated for 3/3/93 thru 9/30/94.</i>			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date		EPA Remedial Project Manager/Date	
<i>Bruce D. Appel 11/17/93</i>		<i>John D. ... 10-20-93</i>	
Contractor Regional Manager/Date		EPA Project Officer/Date	
<i>William E. Reuther 11-11-93</i>		<i>Thomas C. ... 10-28-93</i>	
<input checked="" type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	
		<i>Jeri Sumner 11-4-93</i>	

cc: 1. EPA PO

2. WAM

3. EPA CO

Attached to this WAF Revision 4 are the following:

1. Attachment to WAF Revision 4 - Oct. 20, 1993 (2 pgs)
2. Attachment to WAF Revision 3 - Aug. 26, 1993 (1 pgs): (this had been forwarded by the WAM to URS separately) and should be attached to Rev. 3. SS

UNSUBMITTED

NOV 9 1993

RECEIVED

DNL# 3027
 FILE NO. 62310.01
 CC: MISM
 PM ☒ DPM ☐ SM ☐ C/SCM ☐ FILE ☐

199: dal

Work Assignment No. 54-27-9JZZ

Attachment to WAF Revision No. 4 - October 20, 1993

30 Federal Facility sites were added to Appendix A of the Statement of Work by WAF Revision 3, dated 8/26/93. The names of 23 of the sites are as follows:

Task 5000: Review of Federal Facility PA/SI/HRS Technical Documents

Naval Facility, Guam

GU2170090011

(Contact the EPA Office of Pacific Island and Native American Programs before doing anything on this site)

Aquatic Weed Control Research Lab, Davis CA

CA3120090573

Dateland Landfill

Dome Landfill

El Capitan Quarry

Ely Crude Oil Co.

Imco Services Mt. Springs Mill

Ormsby Sanitary Landfill

Fort McArthur, San Pedro, CA

CA56900331330

Long Beach Naval Shipyard

Naval Air Station, Agana

(Contact the EPA Office of Pacific Island and Native American Programs before doing anything on this site)

Camp Elliot, San Diego, CA

Prescott National Forest - Hassayampa/Lynx Creek Abandoned Mines, Prescott, AZ

AZ5120090068

Apache-Sitgreaves National Forest

Lassen National Forest, Lassen, CA

CA3122390435

Naval Industrial Reserve Ordinance Plant, Sunnyvale, CA

CA2170022915

Naval Industrial Reserve Ordinance Plant, Pomona, CA
CA6170090603

Adin Transfer Station, Adin, CA
CA6141190599

Narcotics Task Force Laboratory, Carlsbad, CA
CA1150090602

National Marine Fisheries Service, Tiburon, CA
CA5143690167

City of Oakland Housing Authority, Oakland, CA
CA7860090045
(Contact HUD)

Stanford Linear Accelerator Center (DOE), Menlo Park
CA8890016126

Twenty-Nine Palms

Work Assignment No. 54-27-9JZZ

Attachment to WAF Revision No. 3 - August 26, 1993

ADD the following sites to Appendix A of the Statement of Work:

Task 2000 - SWIFT Method Preliminary Assessments

Preliminary Assessments/Site Inspections

Coherent Inc., 3110 Porter Drive, Palo Alto, CA 94304
CERCLIS No. CAD043719210

Cypress Steel Corp., 7001 San Leandro Blvd.,
Oakland, CA 94621
CERCLIS No. CAD983662289

Ford Aerospace - Facility, 3150 Jamboree Blvd,
Suite 500, Newport Beach, CA 92660
CERCLIS No. CAD983623257

McDonnell - Douglas Aircraft, 19503 Normandie Ave. S,
Torrance, CA 90502
CERCLIS No. CAD086510005

Memorex, San Tomas at Central Expressway,
Santa Clara, CA 95052
CERCLIS No. CAD009142415

Tamco, 12459 Arrow Highway, Rancho Cucamonga, CA 91739
CERCLIS No. CAD983662560

Trend Circuits, 3555 Thomas Road, Santa Clara, CA 95954
CERCLIS No. CAD980880843

Non-Sampling Site Inspections

Hellyer Park, Hellyer Avenue and Highway 101,
San Jose, CA 95111
CERCLIS No. CAD983592551

General Electric, 6900 Stanford Ave.,
Los Angeles, CA 90001
CERCLIS No. CAD980816144

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment II

EPA Contract No.: 68-W9-0054

Revision No.: 5

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only) —

Date: December 16, 1993

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input checked="" type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

Appendix A of the Statement of Work is amended to add and remove sites as shown on the attached list.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Rittenbach 3/31/94

EPA Remedial Project Manager/Date

Richard M. Brown 12-16-93

Contractor Regional Manager/Date

Bruce D. Appel 3/31/94

EPA Project Officer/Date

Maureen L. Cain 12/16/93

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Simmons 12-16-93

cc: 1. EPA PO

2. WAM

3. EPA CO

MAR 31 1994

RECEIVED

Work Assignment No. 54-27-9JZZ
Attachment to WAF Revision No. 5 - December 16, 1993

REMOVE the following sites from Appendix A of the Statement of Work:

Task 2000 - SWIFT Method Preliminary Assessments

Ford Aerospace Facility

Task 5000 - Review of Federal Facility PA/SI/HRS Technical Documents

Dateland Landfill

Ely Crude Oil Company

Imco Services Mt. Springs Mill

Ormsby Sanitary Landfill

Naval Industrial Reserve Ordnance Plant, Pomona

Stanford Linear Accelerator

ADD the following sites to Appendix A of the Statement of Work:

Task 5000 - Review of Federal Facility PA/SI/HRS Technical Documents

Chocolate Mountain Seal Camp Area
CA3170090598
Preliminary Assessment

El Portal Barium Tailings
CA0141790113
Preliminary Assessment

Naval Industrial Reserve Ordnance Plant
Needs CERCLIS ID Number
Preliminary Assessment

Long Beach Naval Station
CA2170023194
Site Inspection. Do as a complex with Long Beach Naval Shipyard but add separate LOE for facility.

San Diego Naval Station
CA4170090233
Site Inspection

Sierra Army Depot
CA5210020843
NPL Prioritization Memo with Data Summary matrix

Pt Mugu
Review SI report and RI/FS Workplan. Identify specific data gaps. Will HRS data needs be met?

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment II

EPA Contract No.: 68-W9-0054

Revision No.: 6

Contractor: URS Consultants, Inc.

Modification No.: 96
(C.O. Use Only)

Date: February 15, 1994

2. DESCRIPTION OF ACTION

<input checked="" type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input checked="" type="checkbox"/>	Interim Amendment <i>sow Ammt attached</i>	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input checked="" type="checkbox"/>	Incremental Funding	<input checked="" type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS: URS shall submitted a revised work plan according to Contract # 68-W9-0054 *require mnts. per*

Appendix A of the Statement of Work (SOW) is amended to add 10 SWIFT sites and 1 SI (Task 2000) and 15 Federal Facility PAs (Task 5000) as shown on the attached list. The contractor should assume that 10 of the Federal Facilities evaluated as PAs will also require SI reviews. Under Task 5000 of the SOW, the contractor will review the Bureau of Mines Handbook to determine whether the evaluation strategy proposed for mine sites will satisfy EPA's site assessment requirements for federal facilities. For budgetary purposes, the contractor should assume that the review and preparation of a brief written evaluation for EPA should require approximately 40 LOE. Under Task 64NN of the SOW, the contractor shall conduct 2 additional PA/SI/HRS trainings as scheduled by EPA. For budgetary purposes, the contractor should assume that each training session will require 64 LOE.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Timmer 3/30/94

EPA Remedial Project Manager/Date

Mark Hudson 2-15-94

Contractor Regional Manager/Date

Bruce D. Appel 3/31/94

EPA Project Officer/Date

James Claw 3/8/94

- [☒] Approved As Submitted
[☐] Approved With Changes
[☐] Not Approved

EPA Contracting Officer/Date

Jeri Summons 3-31-94

cc: 1. EPA PO

2. WAM

3. EPA CO

* 6 identified, 9 to follow
via TDM js

MAR 31 1994

RECEIVED

Work Assignment No. 54-27-9JZZ
Attachment to WAF Revision No. 6 - February 15, 1994

ADD the following sites to Appendix A of the Statement of Work:

Task 2000: SWIFT Method Preliminary Assessments

Preliminary Assessments/Site Inspections

Mojave Burn Dump, 2 miles south of Highway 58/2 miles east of Mojave, Mojave CA 93501
CERCLIS No. CAD983672346
(David Scaggs at Sam's Mobile Home Park is an interested party and can be reached at 805-277-2171. Keep Vicki Rosen, EPA (744-2187) advised on progress. She has an extensive file on the site and has written a Congressional response letter)

Weimeyer Corporation, 700 2nd Avenue, Oakland CA 94621
CERCLIS No. CA0000084731

K & L Plating, 10306 Pearmain Street, Oakland CA 94603
CERCLIS No. CAD066568130

L & M Plating, 902 72nd Avenue, Oakland CA 94621
CERCLIS No. CAD981432255

Myers Drum #1, 6549 San Pablo Avenue, Oakland CA 94608
CERCLIS No. CAD009123217

Otto's Foreign Auto Service, 700 73rd Avenue, Oakland CA 94621
CERCLIS No. CA0000084723

Volvo White Truck, 5050 Coliseum Way, Oakland CA 94601
CERCLIS No. CAD981964364

Pulte Home Corporation, SE corner of intersection of Balfour Road and Fairview Avenue, Brentwood, CA 94513
CERCLIS No. CAD983633702

Air Logistics Corporation, 3600 E. Foothill Boulevard, Pasadena CA 91109
CERCLIS No. CAD008253809

Circuit Systems Company Inc, 20720 Carrey Road, Walnut CA 91789
CERCLIS No. CAD048472997

Site Inspections

Phelps Dodge Douglas Reduction, US 80 and Hwy 66,
Douglas, AZ 85607

CERCLIS No. AZD008397143

(Look at site to see if still scores under new
HRS. Identify pathways of concern and data needed
to develop a score. If site needs sampling,
develop a sampling plan for EPA review.)

Task 5000: Review of Federal Facility PA/SI/HRS Technical Documents

Hamilton Air Force Base, Novato CA 94947
CERCLIS No. CA3570024288



Fort Irwin National Training Center, Avawatz Valley, Fort
Irwin CA 92311
CERCLIS No. CA5213790038

Naval Air Station Agana, NR Route 16, Agana GU 96630
CERCLIS No. GU0170027320
(The facility used Eureka Labs to analyze samples.
Eureka Labs has since been found to have falsified
results. Analyze the lab data provided by Eureka Labs
and determine whether any data used to support EPA's
facility determinations is suspect. Prepare a report
of findings.)

Naval Supply Depot, Apra Naval Harbor Complex, Piti GU
CERCLIS No. GU8170090023
(Determine whether the Apra Harbor Complex used Eureka
Labs for sample analysis. If so, proceed as with NAS
Guam.)

Osage Industries, 60th West, Rosamond CA 93560
CERCLIS No. CA7141190572

Naval Weapons Station Seal Beach

 US Environmental Protection Agency Washington, DC 20460 Procurement Request/Order		1. Name of Originator Jerelean M. Johnson		2. Date of Requisition 2/15/94	
		3. Mail Code H-8-1	4. Telephone Number 415-744-2345	5. Date Item Required ASAP	
6. Signature of Originator 		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
8. Deliver To (Project Manager) Jerelean M. Johnson		9. Address 75 Hawthorne Street San Francisco, CA 94105		10. Mail Code H-8-1	11. Telephone Number 415-744-2345
12. Financial Data	a. Appropriation	b. Servicing Finance Office Number		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
..... FMO Use (c) (13 digits)	D T (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars Cents
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Drive, Suite 250 North Sacramento, CA 95833		14. Amount of money committed is: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No	
16. Approvals					
a. Branch/Office D. White, Chief, Field Operations		Date		d. Property Management Officer/Designee Date	
b. Division/Office K. Takata, Dep Dir for Superfund		Date		e. Other (Specify) Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) I. Brown, Administrative Officer		Date		f. Other (Specify) Date	
17. Date of Order		18. Order Number		19. Contract Number (# any)	
20. Discount Terms		21. FOB Point		22. Delivery to FOB Point by On or before (Date)	
23. Person Taking Order/Quote and Phone No.		24. Contractor (Name, address, ZIP Code)		25. Type of Order <input type="checkbox"/> a. Purchase <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order subject to the terms and conditions of the contract. (See Block 15)	
Please furnish the above on the terms specified on both sides of this order and the attached sheets, if any, including delivery as indicated.					
<input type="checkbox"/> Cash <input type="checkbox"/> Credit <input type="checkbox"/> Commission					
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	
	\$350,000 Funds for Site Assessment activities under Work Assignment No. 54-27-9JZZ See attached WAF Revision No. 6 for detailed activities				
27. United States of America By (Signature)		28. Typed Name and Title of Contracting Officer			

I certify that the commitment on this Procurement Request has been accepted by IFMS as shown on the attached Requisition Accounting Line Inquiry Screen for each line of accounting on this PR. 450030

Ivana Brown
Funds Certifying Officer

2.28.94
Date

ACTION: R TABLEID: REQL USERID: IWMV

*** REQUISITION ACCTG LINE INQUIRY SCREEN ***
KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ REQ NO: 94094S0030

01- LINE NO: 001	BFY: 94	APPR: 4T	RPIO: 09	
	BUDGET ORG: 09K	PE: TFA	LINE AMT:	350,000.00
	COST ORG:	SITE/PRJ: 09ZZJ	CLOSED AMT:	0.00
	BDGT OBJ: 2505	REPT CATG:	OBLG AMT:	0.00
LAST CHG STATUS:				
02- LINE NO:	BFY:	APPR:	RPIO:	
	BUDGET ORG:	PE:	LINE AMT:	
	COST ORG:	SITE/PRJ:	CLOSED AMT:	
	BDGT OBJ:	REPT CATG:	OBLG AMT:	
LAST CHG STATUS:				
03- LINE NO:	BFY:	APPR:	RPIO:	
	BUDGET ORG:	PE:	LINE AMT:	
	COST ORG:	SITE/PRJ:	CLOSED AMT:	
	BDGT OBJ:	REPT CATG:	OBLG AMT:	
LAST CHG STATUS:				
02-*L009 HEADER CHANGE				

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment II

EPA Contract No.: 68-W9-0054

Revision No.: 7

Contractor: URS Consultants, Inc.

Modification No.: -
(C.O. Use Only)

Date: May 3, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input checked="" type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

Appendix A of the Statement of Work is amended to add 5 Federal Facilities (Task 5000) as shown on the attached list. Also, under Task 50NN.1, the contractor shall review documents submitted by Federal Facilities and determine the Hazard Ranking system gaps and other data gaps and prepare a one page summary of data gaps and needed data items. The list of Federal facilities needing data gap reviews is also attached. Under Task 2000, the contractor shall: 1) review site assessment determinations made and information from other regulatory agencies for sites on the attached list within 4 miles of Verdesse Carter Park in Oakland, CA and determine whether the sites collectively present a greater risk than the individual evaluations indicate. If a site on the list is within the 4-mile radius of Verdesse Carter Park and has previously been determined to be a No Further Action site, the contractor shall complete a memo on the site summarizing the type of process conducted at the site, the type and amount of waste generated, any emissions or discharges, and a crude conceptual site model for possible pathway exposure (example attached). Sites needing PAs or SIs should be budgeted as SWIFTS. 2) conduct a survey to identify other sites within a 4-mile radius of the Carter Park that have been the subject of regulatory action by Federal, state, and local regulatory agencies, 3) identify other industries that are currently, or have in the past been, located within 2 miles of the Carter Park. The survey may be based on Standard Industrial Codes, the Cole Directory, or other sources of information.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Ritzman 5/20/94

EPA Remedial Project Manager/Date

Mark H. Brown 5.3.94

Contractor Regional Manager/Date

Bruce D. Appel 5/26/94
Rec'd 5/13/95

EPA Project Officer/Date

Thomas Allen 5/11/94

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Simmons 5-16-94

cc: 1. EPA PO

2. WAM

3. EPA CO

MAY 19 1994

RECEIVED

DCN 3054 FILE NO. 01.01

PROJECT NO. 416230.01

CC:

☒ PM ☒ PAS/SCM ☐ SM ☒ FILE

Work Assignment 54-27-9JZZ
Attachment to WAF No. 7 - April 24, 1994

Task 5000 - Review of Federal Facility PA/SI/HRS Technical Documents

Coronado Naval Amphibious Base - SI and NPL Prioritization Memo

BLM - Stateline Dump, CA1141100007 - PA/SI

USCG Base Honolulu, HID984469890 - PA

USCG Camspac SF, CA3690390494 - PA

USCG Omega Station - HI1690330740 - HRS Checklist and NPL Prioritization Memo

Task 50NN.1

China Lake Naval Weapons Station

Naval Submarine Base, San Diego

Marine Corps Recruit Depot, San Diego

Oakland Naval Supply Center, Alameda Facility

San Diego Naval Supply Center

San Diego Naval Training Center

San Diego Public Works Center

Bridgeport Mountain Warfare Training Center

Coronado Naval Amphibious Base

Fort Kamehameha Disposal Site

Fort Shafter

Hawthorne Army Ammunition Plant

Hawthorne Army Ammunition Plant, New Bomb Area

Kaneohe Marine Corps Air Station

Miramar Naval Air Station

Port Hueneme Naval Construction Battalion Center

Seal Beach Naval Weapons Station

Seal Beach Naval Weapons Station, Pomona Annex
Fort Irwin National Training Center
Tripler Army Medical Center
Makua Military Reservation, Ordnance Disposal
NAS Agana
Hickam MFB
Apra Harbor Naval Complex

Task 2000

Action Plating, 10132 Edes Avenue, Oakland 94603
Aero Plating, 710 73rd Avenue, Oakland 94621
Allied Crane, Inc., 727 66th Avenue, Oakland 94621
Business Aircraft Distributors, Oakland Airport, Oakland
94621
Continental Plating, 995 89th Avenue, Oakland 94621
Dolsby Hard Chrome, 124 Hegenberger Loop, Oakland 94621
Eltra Corporation, Prestolite Battery Oakland, 98th Street
and Bancroft Avenue, Oakland 94603
Ferro Enameling Co, 1100 57th Avenue, Oakland 94621
Golden Gate Aviation, Oakland Airport, Oakland 94621
L E Myers, 8261 San Leandro Street. Oakland 94621
Lake Chabot Landfill, Golf Links Road, Oakland 94605
Pacific Airmotive, Oakland Airport, Oakland 94621
Ran-Rob Inc, 631 85th Avenue, Oakland 94621
Transamerica Delaval Inc, Engine and Compressor Division,
550 85th Avenue, Oakland 94621

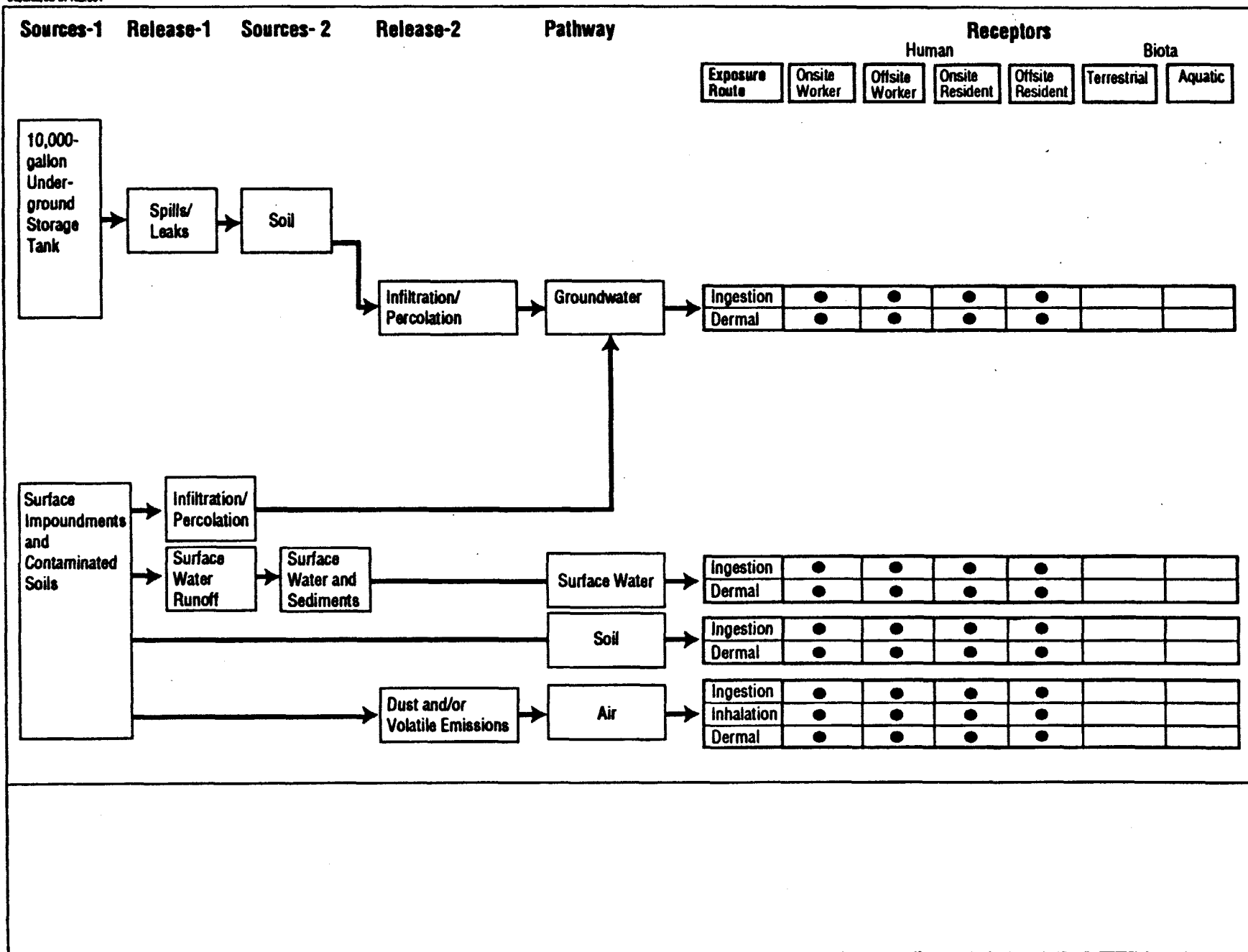


Figure 5-1 Conceptual Site Model

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment II		EPA Contract No.: 68-W9-0054	Revision No.: 8
Contractor: URS Consultants, Inc.		Modification No.: <u>—</u> (C.O. Use Only)	Date: May 18, 1994
2. DESCRIPTION OF ACTION			
<input checked="" type="checkbox"/>	New Work Assignment	<input checked="" type="checkbox"/>	Partial Work Plan Approval
<input checked="" type="checkbox"/>	Interim Amendment	<input checked="" type="checkbox"/>	Final Work Plan Approval
<input checked="" type="checkbox"/>	Incremental Funding	<input checked="" type="checkbox"/>	Amendment to Final Work Plan Approval
			Technical Direction Memorandum
			Work Assignment Completion Notification

(b) (4)

4. WA COMPLETION DATE		Current: 9-30-95	Revised:
5. EPA COMMENTS:			
Appendix A of the Statement of Work is amended to add and remove sites as shown on the attached list. WAF 7 + WAF 8 <i>Request for amendment to final work plan should be combined for one work plan.</i>			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date		EPA Remedial Project Manager/Date	
<i>William E. Rinkham</i> 6/21/94		<i>Johnston</i> 5.18.94	
Contractor Regional Manager/Date		EPA Project Officer/Date	
<i>Bruce D. Appel</i> 6/23/94 <i>Rec'd 6/11/94 JS</i>		<i>Paul T. Cain</i> 5/26/94	
<input checked="" type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	
		<i>Jeri Lemmonis</i> 6-2-94	

cc: 1. EPA PO

2. WAM

3. EPA CO

LOE Amount Total in Expenditure Limit Column in Block 3 of WAF Revision 7 is corrected to read "15,420" in lieu of "15,428." JS
 Also Block 2, Description of Action, is changed from "Amendment to Final Work Plan Approval" to "Interim Amendment." JS

DCN 3060 FILE NO. 0101PROJECT NO. 62310CC: FM, MISM
☒ PM
 ☒ PA/SCM
 ☒ SM
 ☒ FILE

JUN 10 1994

RECEIVED

Work Assignment No. 54-27-9JZZ
Attachment to WAF Revision No. 8 - May 18, 1994

ADD the following sites to Appendix A of the Statement of Work:

Task 2000 - SWIFT Method Preliminary Assessments

Preliminary Assessments/Site Inspections

Almanor Manufacturing, 763 Main Street, Chester CA
96020

CERCLIS No. CAD983061103

BC Laboratories, 4100 Pierce Road, Bakersfield CA 93308

CERCLIS No. CAD981379977

California Seed and Fertilizer, 2229 Live Oak Blvd,
Yuba City CA 95991

CERCLIS No. CAD983580903

FMC Corp, 3100 Duluth, West Sacramento CA 95691

CERCLIS No. CAD982359010

Stoller, Inc., 2641 S. Maple Street, Fresno CA 93745

CERCLIS No. CAD042253658

REMOVE the following site from Appendix A of the Statement of
Work:

Task 2000 - SWIFT Method Preliminary Assessments

Preliminary Assessments/Site Inspections

Weimeyer Corporation, 700 2nd Avenue, Oakland CA 94621

CERCLIS No. CA0000084731

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment II

EPA Contract No.: 68-W9-0054

Revision No.: 9

Contractor: URS Consultants, Inc.

Modification No.: —
(C.O. Use Only)

Date: June 9, 1994

2. DESCRIPTION OF ACTION

	New Work Assignment		Partial Work Plan Approval		Technical Direction Memorandum
X	Interim Amendment		Final Work Plan Approval		Work Assignment Completion Notification
	Incremental Funding		Amendment to Final Work Plan Approval		

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS: Interim Budget and Expenditure Limit is increased to enable the Contractor to perform work on the new sites per previous SOW amendment as directed by the EPA WAM. This WAF Revision is effective June 9, 1994 per EPA CO approval 6-9-94.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Ritchman 6/29/94

EPA Remedial Project Manager/Date

J. H. Hester 6-9-94

Contractor Regional Manager/Date

Bruce D. Lopez 6/29/94

EPA Project Officer/Date

T. Hester 6/14/94

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

Rec'd 6/14/95

EPA Contracting Officer/Date

Jen Simmons 6-14-94

cc: 1. EPA PO

2. WAM

3. EPA CO

JUN 29 1994

RECEIVED

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment II

EPA Contract No.: 68-W9-0054

Revision No.: 10

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only) —

Date: June 16, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
X	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

Under Task 3000 of the Statement of Work, the contractor shall prepare 3 HRS packages. The sites will be named in a subsequent WAF. The workplan revision for the 3 HRS packages should be included in the revision for WAFs 7 and 8.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Luthsen 6/29/94

EPA Remedial Project Manager/Date

Robert D. Luthsen 6.16.94

Contractor Regional Manager/Date

Bruce D. Appel 6/29/94

EPA Project Officer/Date

Shawn E. Cain 6/28/94

- [] Approved As Submitted
[] Approved With Changes
[] Not Approved

EPA Contracting Officer/Date

Jeri Simonson 6-24-94

cc: 1. EPA PO

2. WAM

3. EPA CO

JUN 29 1994

RECEIVED

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

PROJECT NAME: SITE ASSESSMENT II CONTRACTOR: URS Consultants WORK ASSIGNMENT NO.: 54-27-9JZZACTIVITY: Site Assessment EPA CONTRACT NO.: 68-W9-0054 REVISION NO.: 11DATE: _____ CONTRACTOR CONTROL NO.: _____ MODIFICATION NO.: _____
(Contracting Officer Use Only)

2. DESCRIPTION OF ACTION

☐ NEW WORK ASSIGNMENT

- Interim SOW, schedule, and LOE
- Complete SOW, estimated budget and schedule

RECURRED APPROVAL

EPA REGION/
HEADQUARTERS☒ INTERIM AMENDMENT

- Change in LOE, Scope by task
- Add additional tasks or funds

☐ INCREMENTAL FUNDINGEPA REGION/
HEADQUARTERS☐ PARTIAL WORK PLAN APPROVAL☐ FINAL WORK PLAN APPROVAL

- Approval of work plan
- Add funds

☐ AMENDMENT TO FINAL WORK PLAN APPROVAL

- Change in LOE, scope or budget by task
- Add additional tasks or funds (include OF 60 or SF 1411)

EPA REGION/
HEADQUARTERS☐ TECHNICAL DIRECTION MEMORANDUM

- Detailed scope, budget and schedule
- Revise expenditure level
- Minor shift within SOW

(All changes must be within overall scope, budget, and LOE approved by EPA CO)

EPA REGION

☐ WORK ASSIGNMENT COMPLETION NOTIFICATION (NO ATTACHMENTS)

- Contractor originates
- Regional determination
- When signed by CO, this constitutes a stop work order

CONTRACTOR

(b) (4)

4. WA COMPLETION DATE

CURRENT 9-30-95

REVISED _____

5. EPA COMMENTS Interim Budget and Expenditure Limit are increased to allow work to
work to continue until the Work Plan Revision can be approved.

6. APPROVALS

CONTRACTOR SIGNATURES:

William E. Reinhardt 8/10/94
SITE MANAGER/FIRM DATEBruce D. Lopez 8/15/94
REGIONAL MANAGER/FIRM PHONE _____ DATE

EPA SIGNATURES:

REMEDIAL PROJECT MANAGER DATEPROJECT OFFICER DATE

Co-generated WAF

☐ APPROVED AS SUBMITTED☐ APPROVED WITH CHANGES☐ NOT APPROVEDJeri Sumner
SIGNATURE OF CONTRACTING OFFICER7-22-94
DATE APPROVEDCC EPA Project Officer
PO/RPM
Contractor
EPA Contracting Officer (when only expenditure limit column is used)

UPDATE 11/13/86

ATTACH STATEMENT OF WORK
(PER DESCRIPTION OF ACTION)DCN 3072 FILE NO. 0181PROJECT NO. 62310CC: FM, MCRM

EPM PA/SCM DSM FILE

AUG 3 1994

RECEIVE

Attn: Bruce

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment		EPA Contract No.: 68-W9-0054 Revision No.: 12	
Contractor: URS Consultants, Inc.		Modification No.: Date: August 4, 1994 (C.O. Use Only)	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> Technical Direction Memorandum	
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/> Work Assignment Completion Notification	
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval		
(b) (4)			
4. WA COMPLETION DATE Current: 9-30-95 Revised:			
5. EPA COMMENTS: The purpose of WAF 12 is to assign new sites, to remove currently assigned sites, to approve staff training, and to request an SI re-evaluation. Under Task 3000: Hazard Ranking System Packages, the contractor shall prepare HRS packages for the Apra Harbor, Fallon, and Hickham sites (Hickham and Fallon are on hold). Under Task 5000, Federal Facility Reviews, site assignments are added and others are REMOVED. The contractor will send one staff member to attend HRS training and one staff member to attend HRS Documentation Training. Under Task 6000, the contractor shall re-evaluate the SI for the Trigon site, NVD076105402, given that the releases were to sewer/storm water and were processed by the treatment plant. REFER TO ATTACHED "URS WAF 12 ITEMS"			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date <i>William E. Richman</i> 8/15/94		EPA Remedial Project Manager/Date <i>Philip [unclear]</i> 8/14/94	
Contractor Regional Manager/Date <i>Bruce D. Appel</i> 8/24/94		EPA Project Officer/Date <i>Shawn Cain</i> 8/18/94	
<input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	

cc: 1. EPA PO

2. WAM

3. EPA CO

AUG 12 1994

RECEIVED

DCN 3076 FILE NO. 01a1

PROJECT NO. 4162310-01

CC: _____

☒ PM ☒ PA/SCM ☐ SM ☐ FILE

URS WAF 12 Items

Under Task 5000, Federal Facility Reviews, the following sites are assigned

Bluerock Millsite - FFR/PA
Victory Millsite - FFR/PA/SI
Florence Military Reservation - FFR/PA
Coachella Landfill - EPA ID# CA0000094482 - FFR/PA
Arizona National Guard
Eagle Mountain - Kaiser
Bodie Mine
Ash Mountain
Douglas County Landfill - EPA ID#NVD980817662 - SI
NIROP Pomona
Nipton Landfill - PA
Dateland Landfill Modoc - PA
Salton Sea - PA
Upper Valley Landfill - PA
Tipsworth Pesticide Dump - PA
Upper Middle Park - PA
Apple Valley - PA
Unnamed site
Kaneohe - Is existing data sufficient to develop a HRS
Package? No more than one page memo.
Juniper Mine - Sample Plan review
Golinski - Sample Plan review

Under Task 5000, Review of Federal Facility PA/SI/HRS Technical Documents, the following sites are REMOVED

Veta Grande Mining Company
Wheeler AFB
Dome Landfill
El Capitan Quarry

URS WAF 12 Items

Under Task 5000, Federal Facility Reviews, the following sites are assigned

- Bluerock Millsite - FFR/PA
- Victory Millsite - FFR/PA/SI
- Florence Military Reservation - FFR/PA
- Coachella Landfill - EPA ID# CA0000094482 - FFR/PA
- ~~Arizona National Guard~~ *DELETED 9/19/84*
- Eagle Mountain - Kaiser
- Bodie Mine
- ? Ash Mountain
- ? Douglas County Landfill - EPA ID#NVD980817662 - SI
- ? NIROP Pomona
- Nipton Landfill - PA
- Dateland Landfill Modoc - PA
- Salton Sea - PA
- ? Upper Valley Landfill - PA *Riverside Landfill*
- Tipsworth Pesticide Dump - PA
- Upper Middle Park - PA
- ? Apple Valley - PA
- Unnamed site -
- ? Kaneohe - Is existing data sufficient to develop a HRS Package? No more than one page memo.
- ? Juniper Mine - Sample Plan review
- ? Golinski - Sample Plan review

Under Task 5000, Review of Federal Facility PA/SI/HRS Technical Documents, the following sites are REMOVED

- ? Veta Grande Mining Company
- Wheeler AFB
- Dome Landfill *PA2 NY4 11/1/88*
- El Capitan Quarry *SI2 NY4 12/1/88*

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 13

Contractor: URS Consultants, Inc.

Modification No.: 108
(C.O. Use Only)

Date: August 17, 1994

2. DESCRIPTION OF ACTION

☐ New Work Assignment☐ Partial Work Plan Approval☐ Technical Direction Memorandum☐ Interim Amendment☐ Final Work Plan Approval☐ Work Assignment Completion Notification☒ Incremental Funding☒ Amendment to Final Work Plan Approval☒ Amendment to SOW

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

Work Plan Revision No. 3, dated 6/28/94, is approved. In addition, WAF 13 ^{JS does} (1) amend the Statement of Work (SOW), ^{JS does} (2) assign new SIP sites and a new ESI site, and (3) approve training.

Under Task 2000. SWIFT Method Site Assessments, add four PA/SIs to be assigned later, pre-screen approximately 20 sites for sampling and nonsampling status, add eight non-sampling Site Inspections to be assigned later, and the SOW is amended to include the following:

The contractor will conduct Site Inspection Prioritization (SIPs) as assigned by EPA. The purpose of the SIP is to review sites which were evaluated using the original Hazard Ranking System (HRS) during the transition to the revised HRS. Information for the sites needs to be updated to evaluate the sites using the revised HRS. At a minimum, additional data may be gathered to update the site evaluation and determine whether the HRS Score is greater than 28.5. SIP activities will be conducted and reports will be produced consistent with the EPA SIP Guidance (Directive 9345.1-15PS, August 1993) which has been provided to the contractor. In addition, EPA will provide a short (less than 8 hours) training course to the contractor on the SIP process and product. *(Region 9's Sip process)*

Under Task 5000, add eight Federal Facility Reviews; sites will be assigned later.

Under Task 6000, conduct an expanded site inspection for Del Rey Dumpsite, Del Rey (CAD980637748).

The contractor shall revise the workplan to include these amendments to the SOW.

REFER TO ATTACHED "URS WAF 13 ITEMS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Reinher 8/31/94

EPA Remedial Project Manager/Date

Patricia H. Long 8/17/94

Contractor Regional Manager/Date

Bruce D. Lopez 9/02/94
Rec'd 8/22

EPA Project Officer/Date

Thomas E. Klein☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Simmons 8-23-94

cc: 1. EPA PO

DCN 3079 FILE NO. 01.a1

PROJECT NO. 4162310.01

CC: FM/MISM

☒ PM ☒ PA/SCM ☐ SM ☒ FILE

3. EPA CO

AUG 30 1994

RECEIVED

URS WAF 13 Items

Under Task 2000, Swift Method Site Assessments, the following sites are assigned

SIP Assignments

CAD008326589 Allied Chem Corp El Segundo, El Segundo
CAD980735807 American Smelting & Refining, Selby
CAD980515860 Apache Serv Ldfl, Chula Vista
~~AZT050010164 Arizona Agrochemical, Chandler~~
CAD009442484 Avantek, Santa Clara
CAD009174921 Beacon Oil Co Ref, Hanford
~~AZD980388938 Bisbee Douglas Intl Arpt, Douglas~~
CAD048498463 BKK Corporation Wilmington Transfer
Station, Wilmington
~~CAD067786749 BKK Sanitary Landfill, West Covina~~ *PLSA corrective action
side pen C. Samples
11/16/84*
~~AZD056899172 Chandler Ready Mix, Mesa~~
CAT000618587 Chevron USA Inc Bakersfield, Bakersfield
~~AZD981990278 Empire Machinery, Mesa~~
CAD009146952 FMC Corp San Jose Ordnance Plt, San Jose
CAD009208075 General Electric- Oakland, Oakland
AZD083717470 General Electric- Tucson, Tucson
CAD098080484 Geothermal Inc Butte Sys Rd FA, Middleton
CAD051485043 Golden West Refining Co, Santa Fe Springs
CAD009438342 Hewlett Packard (Mt View), Mountain View
CAD049227390 Hewlett Packard Cico Div, Cupertino
CAT000617266 Hewlett Packard- Palo Alto, Palo Alto
CAD061621553 Micrel Wafer FAB, Sunnyvale
CAD980883268 NEC, Mountain View
CAD981415979 PG&E Gas Plant Fresno 325 3, Fresno
CAD981415912 PG&E Gas Plant Fresno 325 3A, Fresno
CAD981415557 PG&E Gas Plant Sacramento 2062, Sacramento
CAD981415904 PG&E Gas Plant San Jose 408 5, San Jose
CAD981415862 PG&E Gas Plant Stockton, Stockton
CAD981415680 PG&E Gas Plant Watsonville 408, Watsonville
CAD981415326 PG&E Gas Plant Woodland, Woodland
CAT000624320 Palos Verdes LDFL, Los Angeles
CAD008383291 Powerline Oil Co, Santa Fe Springs
CAD008237679 Union Oil Co of CA Los Angeles, Wilmington
per 10/17/91 CAD980884928 Wilco Ldfl, Lynwood
~~CAD098080484 Geothermal, Inc.~~

Under Task 6000, an expanded site inspection (ESI) is assigned for Del Rey Dumpsite, Del Rey (CAD980637748). The ESI needs to answer 1. Are people drinking from a known contaminated well? 2. Antimony, how bad is it?

URS WAF 13 Items

Under Task 2000, Swift Method Site Assessments, the following sites are assigned

SIP Assignments

CAD008326589 Allied Chem Corp El Segundo, El Segundo
CAD980735807 American Smelting & Refining, Selby
CAD980515860 Apache Serv Ldfl, Chula Vista
AZT050010164 Arizona Agrochemical, Chandler
CAD009442484 Avantek, Santa Clara
CAD009174921 Beacon Oil Co Ref, Hanford
AZD980388938 Bisbee-Douglas Intl Arpt, Douglas
CAD048498463 BKK Corporation Wilmington Transfer
Station, Wilmington
CAD067786749 BKK Sanitary Landfill, West Covina
AZD056899172 Chandler Ready Mix, Mesa
CAT000618587 Chevron USA Inc Bakersfield, Bakersfield
AZD981990278 Empire Machinery, Mesa
CAD009146952 FMC Corp San Jose Ordnance Plt, San Jose
CAD009208075 General Electric- Oakland, Oakland
AZD083717470 General Electric- Tucson, Tucson
CAD098080484 Geothermal Inc Butte Sys Rd FA, Middleton
CAD051485043 Golden West Refining Co, Santa Fe Springs
CAD009438342 Hewlett Packard (Mt View), Mountain View
CAD049227390 Hewlett Packard Cico Div, Cupertino
CAT000617266 Hewlett Packard- Palo Alto, Palo Alto
CAD061621553 Micrel Wafer FAB, Sunnyvale
CAD980883268 NEC, Mountain View
CAD981415979 PG&E Gas Plant Fresno 325 3, Fresno
CAD981415912 PG&E Gas Plant Fresno 325 3A, Fresno
CAD981415557 PG&E Gas Plant Sacramento 2062, Sacramento
CAD981415904 PG&E Gas Plant San Jose 408 5, San Jose
CAD981415862 PG&E Gas Plant Stockton, Stockton
CAD981415680 PG&E Gas Plant Watsonville 408, Watsonville
CAD981415326 PG&E Gas Plant Woodland, Woodland
CAT000624320 Palos Verdes LDFL, Los Angeles
CAD008383291 Powerline Oil Co, Santa Fe Springs
CAD008237679 Union Oil Co of CA Los Angeles, Wilmington
CAD980884928 Wilco Ldfl, Lynwood
CAD098080484 Geothermal, Inc.

Under Task 6000, an expanded site inspection (ESI) is assigned for Del Rey Dumpsite, Del Rey (CAD980637748). The ESI needs to answer 1. Are people drinking from a known contaminated well? 2. Antimony, how bad is it?

US Environmental Protection Agency
Washington, DC 20460**Procurement
Request/Order**

1. Name of Originator Jerelean M. Johnson		2. Date of Requisition 7/6/94	
3. Mail Code H-8-1	4. Telephone Number 415/744-2345	5. Date Item Required	
6. Signature of Originator <i>Jerelean M. Johnson</i>		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase	
8. Deliver To (Project Manager) Jerelean M. Johnson		9. Address 75 Hawthorne Street San Francisco, CA 94105	10. Mail Code H-8-1
		11. Telephone Number 415/744-2345	
12. Financial Data 68-20X8145	a. Appropriation	b. Servicing Finance Office Number 22	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
..... FMO Use (c) (13 digits)	D T (d)	Document Control Number (e) (6 digits) 4J0023	Account Number (f) (10 digits) 4TFA9AKJ00
		Object Class (g) (4 digits) 2505	Amount (h) Dollars 530,873.00
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Drive, Suite 250 North Sacramento, CA 95833		14. Amount of money committed is: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease	
		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No	

16. Approvals			
a. Branch/Office <i>D. White, Chief, Field Operations</i>	Date 7/21/94	d. Property Management Officer/Designee	Date
b. Division/Office <i>K. Takahashi, Dept. Dir. for Superfund</i>	Date 7-22-94	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved (Signature of Certifying Officer) <i>Wana Brown</i>	Date 8/17/94	f. Other (Specify)	Date
I. Brown, Administrative Officer			

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms
21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.	
24. Contractor (Name, address, ZIP Code)		25. Type of Order <input type="checkbox"/> a. Purchase <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order subject to the terms and conditions of the contract. (See Block 19) <input type="checkbox"/> c. <input type="checkbox"/> Oral <input type="checkbox"/> Written <input type="checkbox"/> Confirming	

26. Schedule						
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)
	\$530,873 Funds for Site Assessment activities under Work Assignment No. 54-27-9JZZ Contract No. 68W90054 See attached WAF Revision No. 11.					

United States of America By (Signature)	Typed Name and Title of Contracting Officer
--	---

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 14

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: September 7, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 14 is to assign eight sites (see attachment) for site inspections under Task 2000 and to initiate the HRS Package preparation for Hickham AFB under Task 3000.

REFER TO ATTACHED "URS WAF 14 ITEMS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Leubach 9/13/94

EPA Remedial Project Manager/Date

Philip L. Long 9/7/94

Contractor Regional Manager/Date

Bruce D. Appel 9/15/94

EPA Project Officer/Date

James E. Clavin☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3080 FILE NO. 01a1
PROJECT NO. 4162310.01
CC: FM / MISM
☒ PM ☒ PA/SCM ☒ SM ☒ FILE

SEP 8 1994



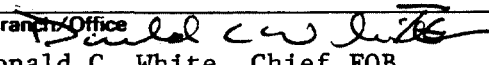
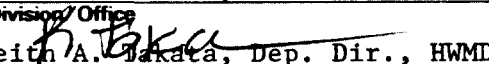
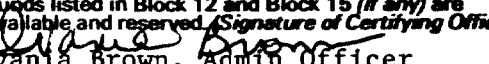
RECEIVED

URS WAF 14 Items

Under Task 2000, Swift Method Site Assessments, the following sites are assigned

SI Assignments

CAD046054664 US Polymetric, Santa Ana
CAD982400103 Xerox Corporation Facility, Santa Ana
CAD982400715 Marinship, Sausalito
CAD008353427 Proctor & Gamble, Long Beach
CAD008384588 McDonnell Douglas Corp., Huntington Beach
CAD009696097 Teledyne NEC, Palo Alto
CAD982400426 Teledyne Singer, Palo Alto
CAD983633744 Griffin Wheel Dump, South Colton

 Procurement Request/Order		1. Name of Originator Philip Armstrong		2. Date of Requisition 8/17/94	
		3. Mail Code H-8-1	4. Telephone Number (415) 744-2349	5. Date Item Required 9/17/94	
6. Signature of Originator 		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
8. Deliver To (Project Manager) Philip Armstrong		9. Address EPA, 75 Hawthorne Street San Francisco, CA 94105		10. Mail Code H-8-1	11. Telephone Number (415) 744-2349
12. Financial Data FMO Use (c) (13 digits) 68-20X8145	a. Appropriation	b. Servicing Finance Office Number 22		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
	D T (d)	Document Control Number (e) (6 digits) C 4J0026	Account Number (f) (10 digits) 4TEA9AKJ00	Object Class (g) (4 digits) 2505	Amount (h) Dollars Cents \$272,391 00
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Drive, Suite 250 North Sacramento, CA 95833			14. Amount of money committed is: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No
16. Approvals					
a. Branch Office  Donald C. White, Chief FOB		Date 8/17/94		d. Property Management Officer/Designee Date	
b. Division/Office  Keith A. Nakata, Dep. Dir., HWMD		Date 8-17		e. Other (Specify) Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)  Irvania Brown, Admin Officer		Date 8/19		f. Other (Specify) Date	
17. Date of Order		18. Order Number		19. Contract Number and	
20. Discount Terms		21. FOB Point		22. Delivery to FOB Point by On or before (Date)	
23. Person Taking Order/Quote and Phone No.		24. Contractor (Name, address, ZIP Code)		25. Type of Order <input type="checkbox"/> a. Purchase Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19) c. <input type="checkbox"/> Oral <input type="checkbox"/> Written <input type="checkbox"/> Confirming	
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)
	\$272,391.00 Funds for Site Assessment activities under Work Assignment No. 54-27-9JZZ Contract No. 68W90054 See Attached WAF Revision No. 14				
United States of America By (Signature)					

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 15

Contractor: URS Consultants, Inc.

Modification No.: 110
(C.O. Use Only)

Date: September 1, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
X	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 15 is to add incremental funding of \$511,391, for work added on WAF 13 and to raise the expenditure limit.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Riebaen 9/8/94

EPA Remedial Project Manager/Date

Philip Am... 9/1/94

Contractor Regional Manager/Date

Bruce D. Appel 9/08/94 rec'd 9/8

EPA Project Officer/Date

James Cain 9/7/94

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Summers 9-8-94

cc: 1. EPA PO

2. WAM

3. EPA CO

SEP 08 1994

ECE IVF

SEP 1994

ECE IVF

DCN 3081 FILE NO. 01a1
PROJECT NO. 02310.01
CC: FM/MISM
BPM BPA/SCM SM FILE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

September 8, 1994

Bruce Appel
URS CONSULTANTS, Inc.
2710 Gateway Oaks Drive,
Suite 250 North
Sacramento, CA 95833

Subject: Contract No. 68-W9-0054

Dear Mr. Appel;

Enclosed are the following documents:

- o Revision No. 15 to Work Assignment #54-27-9JZZ, Site Assessment II. This WAF increases total funding received and raises the expenditure limit.
- o Modification No. 110 to Contract No. 68-W9-0054. This modification provides \$511,391 in incremental funding to the above-mentioned work assignment.

Please acknowledge receipt of the WAF by signing in Block 6 and returning the original WAF, and provide a copy to Travis Cain and the respective WAM.

Sincerely,

A handwritten signature in cursive script, reading "Jeri Simmons", is written over the typed name.

Jeri Simmons
Contracting Officer

cc: Travis Cain
Philip Armstrong (H-8-1)
Patrick Brunner (Reg. 10 mod/only)

US Environmental Protection Agency
Washington, DC 20460



Procurement Request/Order

1. Name of Originator Philip Armstrong		2. Date of Requisition 8/17/94	
3. Mail Code H-8-1	4. Telephone Number (415) 744-2349	5. Date Item Required 9/17/94	

6. Signature of Originator <i>Philip Armstrong</i>		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase	
---	--	---	--

8. Deliver To (Project Manager) Philip Armstrong		9. Address EPA, 75 Hawthorne Street San Francisco, CA 94105		10. Mail Code H-8-1	11. Telephone Number (415) 744-2349
--	--	---	--	-------------------------------	---

12. Financial Data 68-20X8145	a. Appropriation	b. Servicing Finance Office Number 22	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
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..... FMO Use (c) (13 digits)	D T (d)	Document Control Number (e) (6 digits) 4J0026	Account Number (f) (10 digits) 4TFA9AKJ00	Object Class (g) (4 digits) 2505	Amount (h) Dollars XXXXXX XXXXXX Cents 511,391.00	
--	---------------	--	--	---	---	--

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Drive, Suite 250 North Sacramento, CA 95833		14. Amount of money committed is: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease	15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No
---	--	---	--

16. Approvals			
a. Branch Office <i>Donald C. White</i> Donald C. White, Chief FOB	Date 8/17/94	d. Property Management Officer/Designee	Date
b. Division Office <i>Keith A. Takata</i> Keith A. Takata, Dep. Dir., HWMD	Date 8-17	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) <i>Ivania Brown</i> Ivania Brown, Admin Officer	Date 8/19	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Disposal (if any)
-------------------	------------------	------------------------------	-----------------------

21. FOB Point	22. Delivery to FOB Point by Order before (Date)	23. Person Taking Order/Quote and Phone No.
---------------	--	---

24. Contractor (Name, address, ZIP Code)	25. Type of Order <input type="checkbox"/> a. Purchase <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 13).
	Reference your quote (See Block 23)
	Please furnish the above on the terms specified on both sides of this order section the attached sheets, if any, including delivery as indicated.

26. Schedule							
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Unit Amount (h)
1	XXXXXX XXXX \$511,391.00 Funds for Site Assessment activities under Work Assignment No. 54-27-9JZZ Contract No. 68W90054 See Attached WAF Revision No. XXX 15						
XX	XXXXXX XXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX						

Origin State of	Contracting Office
-----------------	--------------------

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 16

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: October 21, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purposes of WAF 16 are: (1) to assign Bailard Landfill (CAD980881445) as a Site Inspection Prioritization under Task 2000, Swift Method Site Assessments, Naval Air Station Agana (GU0170027320) under Task 3000, Hazard Ranking System Packages, and ~~seven~~ Federal Facility Reviews under Task 5000, Review of Federal Facility PA/SI/HRS Documents (see attached list); (2) to REMOVE Fallon under Task 3000; and (3) to request technical support in scoping the sampling and analysis plan for Gibraltar Mining Company (CA1122390437) and (4) to assign a PA re-assessment under Task 6000 Technical support as discussed with the Johnson of URS on 7/6/95. PA 7/6/95

REFER TO ATTACHED "ASSIGNMENTS UNDER WAF 16"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Reinherz 11/1/94

EPA Remedial Project Manager/Date

Philip R. Amberg 10/21/94

Contractor Regional Manager/Date

Bruce D. Appel 11/14/94

EPA Project Officer/Date

William E. Reinherz 10/25/94☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

OCT 26 1994

RECEIVE

DCN 3083 FILE NO. 0181PROJECT NO. 62310

CC: _____

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

ASSIGNMENTS UNDER WAF 16

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 16
EPA WAM: Philip Armstrong
DATE: October 21, 1994
COMPLETION DATE: September 1995

Federal Facility Reviews

The following sites are assigned:

Preliminary Assessment Reviews

AZ9120590048 USDA Santa Rita Exp Range
AZ8360010351 USVA Medical Center
CA1360010317 USVA Medical Center
CA2360030033 Veterans Administration MCWLA

Preliminary Assessment Reassessment

CA7120090397 USDA ARS, Fresno

Site Inspections

CA4170090159 Cleveland National Forest-Laguna Landfill, San Diego
CA9170027271 Naval Weapons Station, Point Mugu (Pacific Missile
Test Center)

TECHNICAL SUPPORT ON 7/6/95

USEPA		NOV 21 1994		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION					
Project Name: Site Assessment II			Work Assignment No.: 54-27-9JZZ		
Activity: Site Assessment		EPA Contract No.: 68-W9-0054		Revision No.: 17	
Contractor: URS Consultants, Inc.		Modification No.: (C.O. Use Only)		Date: November 15, 1994	
2. DESCRIPTION OF ACTION					
<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	
3. BUDGET INFORMATION -- * FEES INCLUDED					

(b) (4)

4. WA COMPLETION DATE		Current: 9-30-95	Revised:
5. EPA COMMENTS:			
<p>The purposes of WAF 17 are: (1) to assign new sites for Federal Facility Reviews under Task 2000, Swift Method Site Assessments, and REMOVE an HRS Package under Task 3000, Hazard Ranking System Packages; (2) to request modifications (see attached "WAF 17 ITEMS") to the site visit letter and procedures; and (3) to request that Federal Facility site lists provided to EPA include the CERCLIS ID number for each site unless EPA requests a Federal Facility site list with the CERCLIS ID numbers omitted.</p> <p>Under Task 3000, Hazard Ranking System Packages, Naval Air Station Agana (GU0170027320) is REMOVED.</p> <p>REFER TO ATTACHED "WAF 17 ITEMS"</p>			

6. APPROVALS (Signatures)			
Contractor Site Manager/Date		EPA Remedial Project Manager/Date	
<i>William E. Litchman</i> 11/28/94		<i>William L.</i> 11/15/94	
Contractor Regional Manager/Date		EPA Project Officer/Date	
<i>Bruce D. Appel</i> 12/01/94		<i>Francis Cain</i> 11/16/94	
<input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

DCN 3088 FILE NO. 0121

PROJECT NO. 162310

CC: FM, M, SM

☒ PM ☒ PASCM ☒ BSM ☒ FILE

WAF 17 ITEMS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 17
EPA WAM: Philip Armstrong
DATE: November 15, 1994
COMPLETION DATE: September 1995

SITE ASSESSMENTS

Site Visit Letter and Procedures Modifications

1. Please modify your letter for scheduling the site visit for to reference the EPA letter regarding confidential business information (attached).
2. Please modify your procedures for sending out the site visit letter to include the following:
 - date stamp the letter and enclose it with the site visit letter;
 - send the site visit letter and enclosure "return receipt requested", or fax the letter and the enclosure; and
 - keep the signed return receipts, or the fax sheet showing the date, time, number of pages, and fax number in the file with the file copy of the site visit letter and enclosure.

FEDERAL FACILITY REVIEWS

Preliminary Assessment Reviews

The following sites are assigned:

AZ1141190065 Glendale Landfill (BLM)
CA1122390437 Gibraltar Mine (USFS)
AZ2141190064 Globe Dioxin
AZD983484833 Golden Falcon (USFS)
CA0000878058 Siskon Mine (USFS)
CA0000878033 Shaver Lake Landfill (USFS)
CA3180090604 U.S. Postal Service

TECHNICAL ASSISTANCE

Preliminary Assessment Reassessment

CAD086510005 McDonnell-Douglas Aircraft - See attached note from Rachel Loftin dated November 9, 1994.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

To Whom It May Concern:

Region 9 conducts site assessment activities at certain sites under the authorization of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), specifically Sections 104 and 105. The purpose of this letter is to inform you that Region 9 may disclose information regarding a site assessment and that you have the right to assert a business confidentiality claim regarding information that you are being asked to provide regarding the site.

This letter serves as notice to you pursuant to 40 CFR §2.310(h) of Region 9's intention to disclose to our contractor information pertaining to your facility relating to: (1) any materials which have been or are generated, treated, stored, disposed of, or transported from the facility; and (2) your ability to pay for or to perform a cleanup. Region 9 plans to disclose this information to URS Consultants, Inc. under Contract Number 68-W9-0054; this disclosure is necessary in order for URS Consultants, Inc. to carry out the inspection of your facility, including document review and copying. Pursuant to 40 CFR §2.310(h), you may submit comments to Region 9 on EPA's disclosure of confidential information to this contractor. Any comments on this contemplated disclosure must be submitted to EPA within five days of your receipt of this letter. Please submit any such comments to:

Thomas A. Mix, Chief
Site Evaluation & Grants Section
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

As discussed in the accompanying letter from URS Consultants, Inc., URS Consultants, Inc. is conducting site assessment activities on behalf of Region 9 regarding a site, and you are being asked to provide information for the site assessment. For the information that you provide in response to this request, you may assert a business confidentiality claim covering all or part of the information that you make available as provided in Section 104(e) of CERCLA as amended and 40 CFR §2.203(b). Please submit any such claim and any information that you deem confidential to Thomas Mix at the above address.

To make a confidentiality claim, it will be necessary for you to clearly identify the specific documents and portions of those documents that the company feels are entitled to confidential treatment. Please be specific by page, paragraph, and sentence when identifying the information subject to your claim. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the public without further notice to you. For each item or class of information that you identify as being subject to your claim, please provide the following information:

1. For what period of time do you request that the information be maintained as confidential? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question #1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Has any governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.
5. Is the information contained in any publicly available material such as promotional publications, annual reports, articles, etc.? Is there any means by which a member of the public could obtain access to the information?
6. For each category of information claimed as confidential, discuss with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?
7. Do you assert that the information is "voluntarily submitted"? If so, is the information the kind of information that you would not customarily release to the public? Explain.

8. Any other issue you deem relevant.

You may also assert a business confidentiality claim regarding photographs taken by the contractor and information provided orally during the site visit. If you assert such a claim, then we will provide you with the photographs and the site visit record so that you may clearly identify the items that the company feels are entitled to confidential treatment and answer the above questions regarding those items.

Please note that all confidentiality claims are subject to agency verification and that you bear the burden of substantiating your confidentiality claim pursuant to 40 CFR §2.208(e). Conclusory allegations will be given little or no weight. If you wish to claim any of the information in your response to questions 1 through 8 above as confidential, you must mark the response "CONFIDENTIAL" or with a similar designation, and must bracket all text so claimed. Information so designated will be disclosed by EPA only to the extent allowed by, and by means of the procedures set forth in, 40 CFR Part 2.

Please notify us of any claim and provide us with substantiating comments within 15 days of your receipt of this letter. You may request an extension of time to submit your claim and comments but the request must be made within 15 days of your receipt of this letter. EPA will construe the failure to furnish a confidentiality claim with substantiation within 15 days of your receipt of this letter as a waiver of that claim, and in that case information may be made available to the public without further notice to you.

If you need an extension to submit your comments, or have any questions, please contact Thomas Mix at (415)744-2344.

Sincerely,



Donald C. White, Chief
Field Operations Branch

November 9, 1994

Philip -

During FY94 URS conducted a PA on the McDonnell Douglas Aircraft site located in Torrance, CA. The following items need to be addressed through a re-assessment of the site.

1. The PA says that 1980 census data was used to calculate population within the HRS target distance limit. If this is a typo and 1990 data was used, we're OK. If 1980 data was used, URS needs to re-calculate the score based on the most recent census.
2. Levels above MCLs for TCA and TCE were found in shallow groundwater and aquifer interconnection was not conclusively addressed and may exist within two miles of the site. Aquifer interconnection needs to be evaluated using actual sampling data.
3. New HRS score sheets and a brief re-assessment document need to be developed based on the information obtained for items 1 & 2 above.

Rachel

DEC 27 1994

K. Miller

USEPA

FCE/VE

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 18

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: December 22, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purposes of WAF 18 are: (1) to assign sites for Federal Facility Reviews under Task 5000 and for a Site Inspection Re-evaluation under Task 6000; (2) REMOVE Federal Facility Reviews under Task 5000; and (3) to approve training under Task 3000.

REFER TO ATTACHED "WAF 18 ASSIGNMENTS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William C. Roebuck 1/13/95

EPA Remedial Project Manager/Date

1/13/95 12/22/94

Contractor Regional Manager/Date

Brenda D. Lippert 1/24/95

EPA Project Officer/Date

12/22/94

[] Approved As Submitted
[] Approved With Changes
[] Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3091 FILE NO. 0101

PROJECT NO. 62310

CC: FM, MISM

☒ PM ☒ EPA/SCM ☒ SM ☐ FILE

WAF 18 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 18
EPA WAM: Philip Armstrong
DATE: December 22, 1994
COMPLETION DATE: September 1995

HRS PACKAGES

Training

As discussed previously, training for two URS staff is approved. The training is scheduled for December 14 and 15, 1994, at Region 9.

FEDERAL FACILITY REVIEWS

The following sites are assigned:

Preliminary Assessments

CA0000983650 US Forest Svc-Golden Jubilee Mine, Trinity Center
CA0000983718 US Forest Svc-Drinkwater Gulch Mine, Hayfork
CA2122390576 US Forest Svc-Black Bob Mine, Lebec

TECHNICAL SUPPORT

Site Inspection Re-Evaluation

V3141190030 Rio Tinto Copper Mine - See attached memo dated December 5, 1994

SITES ASSIGNMENTS BEING REMOVED

The following sites are REMOVED:


Federal Facility Reviews

Ash Mountain
Arizona National Guard

December 5, 1994

Memo

Subject: Rio Tinto Mine Site # NV3 141 190 030
From: Jeff Inglis
To: Phillip Armstrong



The Rio Tinto Mine Site needs another level of evaluation.

An SI3 needs to be performed in order to re-evaluate the following:

- 1) The exact location and distribution of the residents of the Shoshone-Paiute Indian Tribe of the Duck valley Indian Reservation as the target population with respect to the source,
- 2) Any new sampling data from both surface water and groundwater that the Forest Service or anybody else may have developed since the SI2 was done in 1991.
- 3) Site leader will confer with SAM upon completion of initial review of site file.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 19

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: December 22, 1994

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input checked="" type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 19 is to further amend the Statement of Work (SOW).

Under Task 2000, SWIFT Method Site Assessments, add 11 Preliminary Assessments and 10 Site Inspections to be assigned later.

Under Task 5000, add 37 Federal Facility Reviews; sites will be assigned later.

Under Task 6000, modify Activity 6.5.2, Phelps Dodge Douglas Reduction Works, and add three Expanded Site Inspections to be assigned later, 30 screening reports for sites with completed Preliminary Assessments using the procedures included in the attached SOW, and 20 Preliminary Assessment/Site Inspection Reassessments; 18 sites will be assigned later.

Add Task 7000, Site Inspection Prioritizations, and change the number of Site Inspection Prioritizations to be assigned from 34 to 37.

The contractor shall provide a revised workplan within 30 days to include this amendment to the SOW. * WP already submitted on 12/01/94; these changes are being incorporated into the post-negotiation version of that WP. ~~Revised~~ 5/30/95

REFER TO ATTACHED "STATEMENT OF WORK"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Kutzler 1/25/95

EPA Remedial Project Manager/Date

William E. Kutzler 12/22/95

Contractor Regional Manager/Date

Bruce D. Appel (See)* 5/30/95

EPA Project Officer/Date

Thomas E. Cain 01/03/95

☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Arrested V. Beach 1/17/95

cc: 1. EPA PO

DCN 3095 FILE NO. 01a1

PROJECT NO. 62310

CC:

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

3. EPA CO

STATEMENT OF WORK

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 19
EPA WAM: Philip Armstrong
DATE: December 22, 1994
COMPLETION DATE: September 1995

PROJECT PLANNING

Under Task 1000, Project Planning and Management, revise the workplan to incorporate the modifications requested. Site Inspection Prioritizations for this Statement of Work should be budgeted under a new Task 7000, Site Inspection Prioritizations. This action is retroactive to WAF 13.

SITE ASSESSMENTS

New Deliverables

Under Task 2000, SWIFT Method Site Assessments, add the following deliverables:

	# OF REPORTS
o Preliminary Assessment Reports	11
o Site Inspection Reports	4
o Site Inspection Reports with Sampling	6
TOTAL REPORTS	21

FEDERAL FACILITY REVIEWS

New Deliverables

Under Task 5000, Review of Federal Facility PA/SI/HRS documents, add the following deliverables:

	# OF REPORTS
o Federal Facility Reviews	37
- Eight FFRs were budgeted in WAF 13; seven of those eight FFRs were assigned in WAF 17. Thus, the total number of FFRs budgeted but not yet assigned is 38.	

TECHNICAL SUPPORT

New Deliverables

Under Task 6000, Technical Support, add the following deliverables:

OF REPORTS

o	Expanded Site Inspections	3
-	Assume one ESI will require sampling	
o	Preliminary Assessment/Site Inspection Reassessments	20
-	One PA reassessment was assigned in WAF 12 and another in WAF 17.	
o	Screening Reports	30
	TOTAL REPORTS	55

Expanded Site Inspection Activities

Expanded Site Inspection (ESI) activities are the same as for Site Inspections except that the contractor develops an ESI workplan memorandum, the objective of the ESI is to collect all data necessary to prepare an HRS scoring package to propose the site to the NPL, and the ESI may include monitoring well installation, air sampling, geophysical studies, drum or tank sampling, borehole installation, and complex background sampling studies (see Chapter 2 of the Guidance for Performing Site Inspections Under CERCLA, September 1992). ESI workplan memoranda will be developed as follows:

After preliminary data gaps have been identified, the contractor shall prepare an ESI workplan memorandum which will include the following sections: (1) an Introduction section which will summarize prior EPA site assessment activities; (2) a Site Description section which will summarize available information about the site location, operational history, and PRPs; (3) a Site Status section which will summarize regulatory involvement, investigations conducted by other agencies and/or the PRPs, and the outcome of prior EPA investigations; and (4) a Proposed Investigation section which will list the actions that the contractor proposes to undertake in collecting the information needed for scoring the site and any other actions which EPA directs the contractor to take as part of the ESI. The Proposed Investigation actions will be listed as Task 1, Task 2, etc., and each one will be stated in the form of one or more sentences of which the first sentence will begin with an action verb, e.g., perform a geophysical survey of Tank Area 1 to find the exact location and dimension of the UST.

Screening Procedures

1. Complete the latitude/longitude worksheet and obtain a GIS printout.

2. Contact State and local agencies previously involved with the site to determine current site status and complete contact reports.
3. Complete the PA Data Form as applicable; complete the Ranking Checklist.
4. Assign the site a high, medium, or low priority, and assign numerical weights using forms, definitions of priorities, and ranking criteria provided by EPA.
5. Complete the memo on the findings of the screening using the format provided by EPA.

Activity 6.5.2, Phelps Dodge Douglas Reduction Works

In addition, modify Activity 6.5.2, Phelps Dodge Douglas Reduction Works, as follows:

Task 2 Conduct an on-site visit and interview state, local and Phelps Dodge personnel.

The contractor shall conduct a second site visit for this site. The purposes of this visit are to: 1) conduct visual surveys of proposed sampling locations at schools, day-cares, parks, the Phelps Dodge property and the property between Phelps Dodge and the towns of Douglas and Pirtleville; 2) identify benchmarks on the Phelps Dodge site for calibration of Geographical Information System/Global Positioning System; 3) meet with representatives from the school district to coordinate access issues; 4) obtain current and historical aerial photographs for the site; 5) meet with representatives of the Public Works Department for groundwater monitoring data; 6) research background sampling locations, and 7) obtain calibration samples for the X-Ray Fluorescence detector.

Task 4 Prepare a detailed field sampling plan (FSP), Quality Assurance Project Plan (QAPjP), and Health and Safety Plan (HSP) to meet agency objectives as directed by EPA.

The Contractor shall develop a multi-media FSP/HSP which will be separated into discreet Phases. Phase I of the SAP/HSP will include XRF sampling for the heavy metals lead and copper. This sampling will be augmented with confirmation sampling to the CLPAS for a maximum of 20% of the samples. Phase II of the sampling will include hydropunch sampling for groundwater. Phase III of the sampling will include groundwater sampling from available wells.

Task 5 Research and Develop XRF Field Screening Methodologies

The contractor shall conduct research into the available XRF technologies and standard operating procedures for sample acquisition and preparation to aid in development of the sampling methodology for the Phelps Dodge site. Additionally, the contractor will work with available experts to become proficient on the use of XRF instrumentation prior to conducting field work. The contractor will also coordinate the analysis of field calibration samples and provide sample results to EPA personnel.

SITE INSPECTION PRIORITIZATIONS

New Deliverables

Under Task 7000, Site Inspection Prioritizations, add the following deliverables:

OF REPORTS

- o Site Inspection Prioritizations-B2 3
 - This assigns three new SIPs to be budgeted by URS for a total of 37 SIPs.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 20

Contractor: URS Consultants, Inc.

Modification No.: 127
(C.O. Use Only)

Date: March 8, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
X	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
X	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	X	SOW Amendment

3. BUDGET INFORMATION -- * FEES INCLUDED

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 20 is to add incremental funding of \$622,600 for work added in WAF 13 and WAF 19, and to provide an interim budget of \$239,647 and 2,653 LOE hours to support that additional work, and to increase the expenditure limit by \$239,647 and 2,653 LOE hours.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Treibacher 3/21/95

EPA Remedial Project Manager/Date

Philip J. Smith 3/18/95

Contractor Regional Manager/Date

Bruce D. Lloyd 3/21/95
Rec'd 3-16-95

EPA Project Officer/Date

Caroline L. Brown for Travis Carr 3/9/95

☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri L. Sumner * 3-16-95

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

* Scope of Work is hereby amended to delete requirement for weekly status report; however, the monthly status report is to include the hours and costs expended on a site basis by task. See Subtask 1.4 Reporting. JL

DCN 3097 FILE NO. 01.01


PROJECT NO. 62310

CC:

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

MAR 21 1995

E C E I V F

 Procurement Request/Order		1. Name of Originator Philip Armstrong		2. Date of Requisition 3/8/95	
3. Mail Code H-8-1		4. Telephone Number 415-744-2349		5. Date Item Required ASAP	
6. Signature of Originator <i>Carolyn J. Douglas for P. Armstrong</i>				7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase	
8. Deliver To (Project Manager) Philip Armstrong		9. Address USEPA Region IX H-8-1 75 Hawthorne St. SF CA 94105		10. Mail Code H-8-1	
11. Telephone Number 415-744-2349		12. Financial Data a. Appropriation 68-20X8145			
b. Servicing Finance Office Number 22				NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
FMO Use (c) (13 digits)		Document Control Number (e) (5 digits) C H5J008		Account Number (f) (10 digits) SEE ATTACHMENT 95157/9AKJ/TFA/0900J	
Object Class (g) (4 digits) 2505		Amount (h) Dollars \$ 622,600. Cents 00			
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Dr. Suite 250 North Sacramento, CA 95833				14. Amount of money committed is: <input type="checkbox"/> Original <input type="checkbox"/> Increase <input type="checkbox"/> Decrease	
15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No					
16. Approvals					
a. Branch Office Don White, Chief FOB		Date 3/9/95		d. Property Management Officer/Designee Date	
b. Division/Office Kaith Takata, Deputy Director SF		Date 3/8/95		e. Other (Specify) Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) Iwania Brown, Adm. Officer		Date 3/10/95		f. Other (Specify) Date	
17. Date of Order					
18. Order Number					
19. Contract Number (if any)					
20. Date of Order					
21. FOB Point					
22. Delivery at FOB Point by On or before (Date)					
23. Person to be contacted for information					
24. Contractor (Name, Address, ZIP Code)					
25. Type of Order					
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	
	\$622,600 Funds for Site Assessment activities under work assignment. # 54-27-9JZZ Contract # 68w90054 See Attached WAF Revision #20.				
27. United States of America					
28. Typed Name and Title of Contracting Officer					

USEPA		WRK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment		EPA Contract No.: 68-W9-0054	Revision No.: 21
Contractor: URS Consultants, Inc.		Modification No.: (C.O. Use Only)	Date: May 12, 1995
2. DESCRIPTION OF ACTION			
	New Work Assignment	Partial Work Plan Approval	X
	Interim Amendment	Final Work Plan Approval	
	Incremental Funding	Amendment to Final Work Plan Approval	
(b) (4)			
4. WA COMPLETION DATE		Current: 9-30-95 Revised:	
5. EPA COMMENTS: <p>The purposes of WAF 21 are: (1) to assign sites for Swift Method Site Assessments under Task 2000, Federal Facility reviews under Task 5000, a PA/SI re-evaluation and screening reports under Task 6000, Technical Support, and Site Inspection Prioritizations under Task 7000; and (2) to REMOVE Site Inspection Prioritizations under Task 7000. These sites were budgeted in Workplan Revision 4. The typical PA/SI approach is to be used for the sites assigned under Task 2000. Our understanding is that the goal will be to complete the sites assigned in this WAF by September 15, 1995, as long as additional sampling is not required by EPA.</p> <p>REFER TO ATTACHED "WAF 21 ASSIGNMENTS"</p>			

6. APPROVALS (Signatures)	
Contractor Site Manager/Date <i>William E. Lintner</i> 5/17/95	EPA Remedial Project Manager/Date <i>Philip Bruckley</i> 5/12/95
Contractor Regional Manager/Date <i>Bruce D. Appel</i> 5/19/95	EPA Project Officer/Date <i>Travis Chan</i> 5/12/95
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved </div> <div style="width: 50%; text-align: right;"> EPA Contracting Officer/Date </div> </div>	

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

MAY 16 1995

RECEIVED

DCN 3104 FILE NO. 01.21
 PROJECT NO. 6231X
 CC: _____
☐ PM ☐ PA/SCM ☒ SM ☐ FILE

WAF 21 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 21
EPA WAM: Philip Armstrong
DATE: May 2, 1995
COMPLETION DATE: September 1995

SITE ASSESSMENTS

Preliminary Assessments

The following sites are assigned:

CAD990792335 Duolite International, Redwood City
CAD982394215 McDonnell Douglas Aircraft, Santa Monica
CAD000485326 McDonnell Douglas Aircraft-SM, Santa Monica

Gordon Woodrow will be the SAM for the Santa Monica sites; please coordinate with him before beginning the assessments for sites in Santa Monica. These two Santa Monica sites should be assigned to the same Site Leader.

FEDERAL FACILITY REVIEWS

Preliminary Assessments

The following sites are assigned:

HI0001004076 Waiawa Gulch, Pearl City
CAD983569534 BLM-Cactus Gold Mine, Mojave
GU5170090018 Barrigada Village Abandoned Dump, Barrigada
CA0000651984 USFS Gooseneck Ranger Dist, Macdoel
CA0001092097 Whitehorse Landfill, Quincy
CA0001092089 Big Creek Pesticide Bldg, Big Creek

Expanded Site Inspections

The following site is assigned:

NV1141190024 BLM-Henderson Landfill - Refer to attached note dated 4/11/95

TECHNICAL SUPPORT

PA/SI Re-evaluation

The following site is assigned:

NV9190022173 Fallon NAS - Refer to attached note dated 4/11/95

MAY 16 1995

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Screening Reports

The following sites are assigned:

CAD001868652 Inmont Corporation - Refer to URS' 9/21/94 memo
CAD982360653 Polymer Development Labs #2 - Refer to URS' 9/21/94
memo
CAD009119959 Electrite Co Inc
CAD009122540 Hewlett Packard Mfg Print Circuit
CAD983577792 Land Parcel
CAD983577800 TSE Brakes
CAD982400392 Unisys

SITE INSPECTION PRIORITIZATIONS

Site Inspection Prioritizations

The following sites are assigned:

CAD980894273 Old Hanford City Dump, Hanford
AZD980735542 Honeywell, Phoenix
CAD981669401 Kaliko LDF #2, Santa Fe Springs
CAD008362758 Neville Chem Co, Santa Fe Springs
CAD980883029 Sierra Pacific Ind. Chico
CAD980817845 Stored Transformer-PCB, Saipan - Consult Dana Barton
about the need to conduct a site reconnaissance.

Please REMOVE from your current SIP assignments:

AZT050010164 Arizona Agrochemical
AZD056899172 Chandler Ready Mix
AZD981990278 Empire Machinery
CAD067786749 BKK Sanitary Landfill, West Covina
AZD980388938 Bisbee-Douglas Intl Arpt, Douglas

To: parmstro
From: Jeff Inglis <R9SUPER/JINGLIS>
Date: 11 Apr 95 15:01:06
Subject: WAF
X-mailer: Pegasus Mail v2.2 (R4b).

Philip,

Here is what I need for the 2 new documents for review by URS.

- 1) ESI for Henderson Landfill. Submitted BLM, it needs a score. *NV1 141 190 024*
- 2) Review of NDEP FFR on Fallon NAS. This has 2 needs:
- verification of new information supplied by NDEP as noted in *4/5/95*
memo attached to file *(copy attached)*.
- verification of score. *NV1 190 022 173*


Please have URS talk to me before starting on these. I want to make sure of the focus, and I want URS to tell me how many hours they think that they will need to perform this work. Thanx

Jeff Inglis
4-2348
H-8-1

4#ackman J

April 5, 1995

FROM: Jeff Inglis
TO: File
RE: Fallon NAS



Notes on conversation with (NDEP) on changes in the score.

The following issues are critical for changing the score:

- 1) Population per well has decreased for 4-mile groundwater radius. Also related to sources vs. fence line.
- 2) Sensitive species for surface water pathway no present within boundaries of observed release. No level I or II.
- 3) No fisheries within 15 miles of site. Nothing between site and Stillwater Wildlife Management Area.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 22

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: May 15, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 22 is to assign sites for site assessments under Task 2000 and a Federal Facility Review under Task 5000. These sites were budgeted in Workplan Revision 4. The typical PA/SI approach is to be used for the site assessment sites. Our understanding is that the goal will be to complete by September 15, 1995, the reports for the five assigned sites that do not currently require sampling.

REFER TO ATTACHED "WAF 22 ASSIGNMENTS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Lanthorn 5/17/95

EPA Remedial Project Manager/Date

Philip M. Long 5/15/95

Contractor Regional Manager/Date

Bruce D. Appel 5/21/95

EPA Project Officer/Date

James C. Clark☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAF (thru J. Quint)

3. EPA CO

MAY 20 1995
RECEIVEDDCN 3109 FILE NO. 01. a1
PROJECT NO. 6231X
CC: _____
EPA/SCM E/SM E/FILE

WAF 22 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 22
EPA WAM: Philip Armstrong
DATE: May 15, 1995
COMPLETION DATE: September 1995

SITE ASSESSMENTS

Preliminary Assessments

The following sites are assigned:

CAD000476622 Hughes Aircraft, Santa Monica

Gordon Woodrow will be the SAM for this site; please coordinate with him before beginning this assessment. If feasible, this site should be assigned to the same Site Leader as the other Santa Monica sites.

Site Inspections

The following sites are assigned:

CAD009119959 Electrite Co Inc, East Palo Alto
CAD983577792 Land Parcel, Fresno
CAD982358327 Largent, H M Co Inc, Fresno

The following two sites should be aggregated within the SI and only one report should be prepared for the two sites:

NND980696124 Peabody Coal Co Black Mesa Site, Kayenta
NND051452654 Peabody Coal Co Kayenta Mine Site, Kayenta

As discussed with Bill Ritthaler on May 11, 1995, we expect the Peabody Coal Co report to require 700 hours to complete, including sampling at both sites but excluding installation of any wells. Carolyn Douglas will be the SAM for this site.

FEDERAL FACILITY REVIEW

Site Inspections

HID984469908 Kauai Test Facility

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 23

Contractor: URS Consultants, Inc.

Modification No.: —
(C.O. Use Only)

Date: May 24, 1995

2. DESCRIPTION OF ACTION

	New Work Assignment		Partial Work Plan Approval		Technical Direction Memorandum
X	Interim Amendment		Final Work Plan Approval		Work Assignment Completion Notification
	Incremental Funding		Amendment to Final Work Plan Approval		

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purpose of WAF 23 is to increase the interim budget and the expenditure limit by 3,500 LOE hours pending work plan approval.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Kitchell 6/5/95

EPA Remedial Project Manager/Date

Robert L. ... 5/24/95

Contractor Regional Manager/Date

Bruce D. Goppel 06/06/95

EPA Project Officer/Date

David L. Cain 5/24/95

- [☒] Approved As Submitted
[☐] Approved With Changes
[☐] Not Approved

EPA Contracting Officer/Date

Joni Sumner 5-30-95

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

JUN 02 1996

RECEIVE

DCN

3111

FILE NO.

01.21

PROJECT NO.

6231X

CC:

EPM

EPA/SCM

XSM

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

JUN 30 1995

Project Name: Site Assessment **FCF**

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 24

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: June 26, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-95

Revised:

5. EPA COMMENTS:

The purposes of WAF 24 are: (1) to request assistance in preparing transmittal letters for reports; and (2) to REMOVE Federal Facility Review sites assigned under Task 5000.

REFER TO ATTACHED "WAF 24 ASSIGNMENTS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

Bruce D. Appel for Bill Kittelberger, 7/03/95

EPA Remedial Project Manager/Date

Philip Ann Ruy 6/26/95

Contractor Regional Manager/Date

Bruce D. Appel 7/03/95

EPA Project Officer/Date

Thomas E. Cain 6/26/95

- ☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

JUN 30 1995

FCF

DCN 3112 FILE NO. 0121PROJECT NO. 6231XCC: FM, MISM☐ PM ☐ PA/SCM ☐ SM ☒ FILE

WAF 24 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 24
EPA WAM: Philip Armstrong
DATE: June 26, 1995
COMPLETION DATE: September 1995

TRANSMITTAL LETTERS

Prepare transmittal letters for reports using the attached instructions and generic letter.

FEDERAL FACILITY REVIEWS

The following sites are REMOVED:

Preliminary Assessments

GU5170090018 Barrigada Village Abandoned Dump, Barrigada
CA3180090604 U.S. Postal Service, City of Industry

Site Inspections

HID984469908 Kauai Test Facility
CA9170027271 Naval Weapons Station, Point Mugu (Pacific Missile
Test Center)

LTR.JWQ

Transmittals Letters

1. Prepare a separate transmittal letter for each person listed on the transmittal list. These should be done on EPA stationery.
2. At the RE: please enter the Name of the site as it appears in CERCLIS and the EPA ID Number
3. Do not date the letters.
3. Attach the transmittal letters to the list of names on the transmittal list.
4. Include these attachments as part of the completed package being submitted to EPA for review

WORK ASSIGNMENT FORM

USEPA

1. WORK ASSIGNMENT INFORMATION

☒ PM ☒ PA/SCM ☒ SM ☒ FILE

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 25

Contractor: URS Consultants, Inc.

Modification No.: ~
(C.O. Use Only)

Date: June 26, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/> New Work Assignment	<input checked="" type="checkbox"/> X	Partial Work Plan Approval with changes	Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding	<input checked="" type="checkbox"/>	Amendment to Final Work Plan Approval	



4. WA COMPLETION DATE

Current: 9-30-95

Revised: 12-31-95

5. EPA COMMENTS:

The purposes of WAF 25 are: (1) to approve the workplan (Workplan Revision 4) dated May 30, 1995; (2) to increase the expenditure limit by \$854,344 and 8,543 LOE hours; and (3) to extend the period of performance through December 31, 1995. Please note the attached modifications to Workplan Revision 4.

REFER TO ATTACHED "WAF 25 COMMENTS"

- - - SEE BELOW - - -

JUL 10 1995

6. APPROVALS (Signatures)

Contractor Site Manager/Date

Bruce D. Appel for Bill Rittbaler, 7/17/95

EPA Remedial Project Manager/Date

Ph. L. Armstrong 6/26/95

Contractor Regional Manager/Date

Bruce D. Appel, 7/17/95

EPA Project Officer/Date

J. L. Allen 6/26/95

☐ Approved As Submitted
☒ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

Jeri Sumner 7-7-95

cc: 1. EPA PO

2. WAF (thru J. Quinn)

3. EPA CO

The purpose of this WAF is to:

- 1) To partially approve the Work Plan (Work Plan Revision 4) dated May 30, 1995 with the attached modifications (Refer to the attached "WAF 25 Comments"). All tasks are approved except Sub-task number 1.1 "Prepare Work Plan". The hours for this task will be negotiated between the EPA and URS, and approval of the negotiated LOE and Dollars will occur on a subsequent WAF.
- 2) To increase the expenditure limit by 8,543 LOE and \$854,344.
- 3) To extend the period of performance through December 31, 1995.
- 4) To instruct URS to provide replacement pages for the Work Plan which will reflect the changes on the attached document "WAF 25 Comments". As per URS's June 30, 1995 Memo (Subject: "Contract 68-W9-0054 / SA II WP Rev. No. 4 - Replacement Pages") this effort will not exceed the use of two (2) clerical and one P-2 hours.

WAF 25 COMMENTS

SITE: N/A Changes To: Work Plan Rev. 4
WA #: 54-27-9JZZ Dated: May 30, 1995
REVISION #: 25
EPA WAM: Philip Armstrong
DATE: June 26, 1995
COMPLETION DATE: September 1995
REVISED DATE: December 1995

To the extent possible, the following modifications shall be made to the form of the work plan changes as discussed with Nate Johnson and Bruce Appel of URS on June 23, 1995:

Section 1, Scope of Work

1. Task 2.0 Swift Method Site Assessments, page 6 - In line 26, delete "at EPA's discretion" at the end of the seventh sentence in the paragraph. In line 27, add "at EPA's discretion" at the end of the eighth sentence in the paragraph. In lines 30 through 32, delete the tenth, eleventh, and twelfth sentences in the paragraph. In line 33, add "because the site meets the criteria for a SACM Swift PA/SI method site" before the comma in the last sentence in the paragraph.
2. Interview with Site Owner/Operator, page 14 - In line 23 and 24, delete the next to last sentence in the paragraph.
3. Emergency Response Referral, page 14 - In lines 29 and 30, delete the third sentence in the paragraph.
4. Subtask 2.6: Prepare Draft and Final PA Report, Basis of Estimate, page 17 - In line 22, add "currently and there have never been any in the past" at the end of the second sentence in Item 3.
5. Subtask 2.8: Sample Plan, Scope of Work, page 19 - After the ninth sentence in the paragraph in line 21, add the following sentence: "The WAM will transmit EPA comments to URS for incorporation in the FSP." In line 22, change "QAMS and the SAM's" to "the WAM's". In line 26, change "QAMS/SAM review and" to "internal EPA review and WAM". In lines 29 and 30, delete the last sentence in the paragraph and insert the following sentence: "URS will submit the sample plan to the WAM for approval."
6. Subtask 6.4: PA/SI/HRS Training, page 25 - In line 24, delete Item 3(f) which duplicates Item 3(d).
7. Subtask 6.5: Expanded Site Inspections, Scope of Work, page 27 - In line 8 at the end of the sentence, add "requirements. Special field activities may include

monitoring well installation, air sampling, geophysical studies, drum or tank sampling, borehole installation, and complex background studies."

8. Subtask 6.5.2: Phelps Dodge Douglas Reduction Works, Technical Approach, pages 28 - In line 5, add the following sentences at the end of Item 6: "Workplan Revision 3 required URS to budget for an initial sample plan to meet agency objectives as directed by EPA. (Refer to Workplan Revision 3, dated June 28, 1994, page 63A.) This clarifies that those objectives are to prepare a Field Sampling Plan for three phases: XRF screening in phase 1, groundwater sampling with the hydropunch in phase 2, and groundwater sampling of existing wells in phase 3. Therefore, this initial sample plan is not budgeted in Workplan Revision 4."
9. Subtask 6.5.3: Del Rey Dumpsite, Technical Approach, pages 32 and 33 - In Item 3 on line 11 on page 32, insert a sentence before the last sentence in the paragraph as follows: "All efforts should be made to complete all of the work during a single site visit." In Item 4 on line 17 on page 32, change "HRS scenarios and scoresheets" to "a scoring HRS scenario and one set of scoresheets". At the end of Item 4, add the following sentence: "If more than one set of scoresheets is necessary, WAM approval on a TDM is required." In lines 18 and 19 on page 32, delete Item 5 since we do not need to receive a formal document before the scoping session as stated in Item 13 of EPA's April 25, 1995, letter; also renumber the remaining items. In lines 20 and 21 on page 32, in the second sentence in Item 6, change "and EPA will discuss and agree upon" to "will propose" and change "which" to "for discussion; once EPA concurs with the sampling approach, it". In Item 9 in line 30 on page 32, change "EPA's CLP" to "URS' QAPjP". In Item 11 on lines 1 and 2 on page 33, change "Meeting" to "A meeting" and add "will be conducted only as requested by the WAM in a TDM" before the period at the end of the sentence.
10. Subtask 6.5.3: Del Rey Dumpsite, Basis of Estimate, page 33 - In lines 18 and 19, delete the first sentence in the paragraph since we do not need to receive a formal document before the scoping session as stated in Item 13 of EPA's April 25, 1995, letter; also revise Table 6.5.3 accordingly.
11. Table 6.5.3 - Regarding the second column of the table, add a footnote as follows: "For sites other than Del Rey Dumpsite, the background activities will be completed for 120 LOE hours, reducing the subtask budget by the same amount. The LOE hours will be reduced proportionately among labor categories."



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

JUL 10 1995

ECF IV

July 7, 1995

Mr. Bruce D. Appel - Program Mgr.
URS Consultants
2710 Gateway Drive
Suite 250 North
Sacramento, CA 95833

SUBJECT: URS Contract Number: 68-W9-0054
Work Assignment 54-27-9JZZ
Project Name: Site Assessment II
WAF Revision Number: 25

Dear Mr. Appel:

Enclosed is WAF Revision number twenty Five(25). The purpose of the WAF is to:

- 1) Partially approve the Work Plan with the attached changes attached to the WAF. All tasks are approved except subtask 1.1 "Prepare Work Plan".
- 2) To increase the expenditure limit.
- 3) To extend the period of performance.

Please note that the 809 LOE and \$64,205 for Subtask 1.1 have not been approved. Please submit a detailed cost break-out and attach backup documentation such as time sheets and job sheets to more clearly delineate your position. These documents should be readily available to URS. URS shall contact the Contracting Officer or the Contracts Specialist prior to incurring any LOE hours for this effort. Once we receive this package we will review it and contact you with a proposed course of action.

Please acknowledge receipt of the WAF by signing in Block 6 and returning the original WAF to David Katzki. Please provide a copy to Travis Cain, Project Officer and Phillip Armstrong, Work Assignment Manager.

Sincerely,

Jeri Simmons
Contracting Officer

Encl.

cc: Travis Cain
Phillip Armstrong

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment	EPA Contract No.: 68-W9-0054	Revision No.: 26	
Contractor: URS Consultants, Inc.	Modification No.: (C.O. Use Only)	Date: July 11, 1995	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> <i>OK 7/12/95</i>	<input type="checkbox"/> Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input checked="" type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/> Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding <i>7/12/95</i>	<input checked="" type="checkbox"/> Amendment to Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/>

(b) (4)

4. WA COMPLETION DATE	Current: 12-31-95	Revised:
5. EPA COMMENTS:		
The purposes of WAF 26 are: (1) to assign Federal Facilities for review under Task 5000, Federal Facility Reviews; and (2) to REMOVE an assignment under Task 7000, Site Inspection Prioritizations.		
REFER TO ATTACHED "WAF 26 ASSIGNMENTS"		

6. APPROVALS (Signatures)	
Contractor Site Manager/Date <i>William E. Litchman 7/17/95</i>	EPA Remedial Project Manager/Date <i>Philip J. [unclear] 7/11/95</i>
Contractor Regional Manager/Date <i>Bruce D. [unclear] 8/02/95</i>	EPA Project Officer/Date <i>Caroline L. [unclear] 7/12/95</i>
<input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved	EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

**AUG 03 1995
RECEIVED**

DCN 3118 FILE NO. 0121
 PROJECT NO. 6231X
 CC: Fm. mism.
☒ DPM ☒ EPA/SCM ☒ ASM ☒ FILE

WAF 26 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 26
EPA WAM: Philip Armstrong
DATE: July 11, 1995
COMPLETION DATE: December 1995
REVISED DATE:

FEDERAL FACILITY REVIEWS

The following sites are assigned:

Preliminary Assessments

NV0001118900 Searchlight Landfill, Searchlight
CA4122307644 Six Rivers Nat Forest (Mad River Landfill), Eureka

Field Sample Plan Review

CA8570025736 Onizuka Air Force Station, Sunnyvale

SITE INSPECTION PRIORITIZATION

The following site is REMOVED:

CAD980883268 NEC, Mountain View

USEPA

JRK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9J22

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 27

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only) 140

Date: July 18, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input checked="" type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

4. WA COMPLETION DATE

Current: 12-31-95

Revised: 9-30-96

5. EPA COMMENTS

D.H.

by \$355,000 D.K.

The purposes of WAF 27 are: (1) to increase the funding and the expenditure limit by \$355,000 and 5,070 LOE hours; ; and (2) to extend the period of performance through September 30, 1996. Work will continue under the current approved workplan and the work assignment completion date revision is at no additional cost to the government.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Lenthall 9/13/95

EPA Remedial Project Manager/Date

Philip A. ... 7/18/95

Contractor Regional Manager/Date

Bernard D. ... 9/15/95

EPA Project Officer/Date

Gravin ... 7/18/95☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

B. Byczek 9/8/95

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3127 FILE NO. 01.21


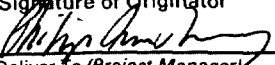
PROJECT NO. 6231X

CC: _____

☐ PM ☐ PA/SCM ☒ DSM ☐ FILE

SEP 11 1995

RECEIVED

 Procurement Request/Order		US Environmental Protection Agency Washington, DC 20460		1. Name of Originator Philip Armstrong		2. Date of Requisition 7/7/95	
3. Mail Code H-8-1		4. Telephone Number 415-744-2349		5. Date Item Required ASAP			
6. Signature of Originator 				7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
8. Deliver To (Project Manager) Philip Armstrong		9. Address 75 Hawthorne St. SF 94105		10. Mail Code H-8-1		11. Telephone Number 415-744-2349	
12. Financial Data 68-20X8145		a. Appropriation 68-20X8145		b. Servicing Finance Office Number 22		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"	
FMO Use (c) (13 digits)		D T (d)		Document Control Number (e) (6 digits)		Account Number (f) (10 digits)	
		C		H5J042		95 5T 9AKJ TFA	
						0900J	
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants Inc. 2710 Gateway Oaks Dr. Suite 250 North Sacramento, CA 95833				14. Amount of money committed is: <input type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No	
16. Approvals							
a. Branch/Office Don White, P&R Branch Chief		Date 7/10/95		d. Property Management Officer/Designee		Date	
b. Division/Office Keith Takata, Deputy Director		Date 7/10/95		e. Other (Specify)		Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Contracting Officer) Ivania Brown, Adm. Officer		Date 07/12/95		f. Other (Specify)		Date	
26. Schedule							
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)			
	\$ 355,000 Additional Site Assessment work under Work Assignment # 54-27-9JZZ. Contract # 68 W9 0054-SUPERFUND See attached WA F rev. # 27						
27. United States of America By (Signature)							
28. Typed Name and Title of Contracting Officer							

USEPA

AUG 04 1995

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

RECEIVED

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 28

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: July 31, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purposes of WAF 28 are: (1) to clarify EPA's expectations regarding several items in Workplan Revision 4, dated May 30, 1995; (2) to modify a site assessment assignment under Task 2000, SWIFT Method Site Assessments; and (3) to assign a Federal Facility for a review under Task 5000, Federal Facility Reviews. This site assignment and the sites assigned in WAF 26 were budgeted in Workplan Revision 4; our understanding is that the goal will be to complete the sites assigned in this WAF and in WAF 26 by September 15, 1995.

REFER TO ATTACHED "WAF 28 CLARIFICATIONS AND ASSIGNMENTS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Richardson 8/2/95

EPA Remedial Project Manager/Date

Patricia L. Long 7/31/95

Contractor Regional Manager/Date

Bruce D. Appel 8/08/95

EPA Project Officer/Date

Franklin Vain 7/31/95☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3119 FILE NO. 01.a1
PROJECT NO. 6238X
CC: _____
☐ PM ☐ PA/SCM ☐ SM ☐ FILE

WAF 28 CLARIFICATIONS AND ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 28
EPA WAM: Philip Armstrong
DATE: July 31, 1995
COMPLETION DATE: September 30, 1996
REVISED DATE:

CLARIFICATION OF EPA'S EXPECTATIONS REGARDING WORKPLAN REVISION 4

1. **Subtask 2.7: SI Scoping Session, page 18** - Regarding Item 1 (lines 19 - 21), our understanding is that URS will follow the procedures in "Usability of Non-EPA Sampling Results". That document was provided with EPA's April 11, 1995, letter transmitting comments on Workplan Revision 4.
2. **Subtask 2.10: Prepare Draft and Final PA/SI or SI Report, page 22 and 23** - Although the workplan provides for draft and final reports, we anticipate that the draft reports will be submitted in final form and that under ordinary circumstances those draft reports will be accepted as final.
3. **Activity 6.5.3: Sampling ESI with Subcontracted Field Support, pages 31 - 34** - Although the workplan provides for a second site visit when a second site visit is approved in a TDM (lines 13 - 16 on page 32), we anticipate that under ordinary circumstances the purposes of both site visits, e.g., identification of sampling locations at sites where sampling may be indicated, will be accomplished during a single site visit. In addition, although the workplan provides for draft and final reports (lines 34 and 35 on page 32 and lines 3 and 4 on page 33), we anticipate that the draft reports will be submitted in final form and that under ordinary circumstances those draft reports will be accepted as final.

SITE ASSESSMENT

The following site assignment is modified:

Preliminary Assessment

CAD990792335 Duolite International, Redwood City - This will be an abridged PA report as described in Section 14 of the Reference Handbook for the Site Assessment Project.

FEDERAL FACILITY REVIEW

The following site is assigned:

Field Sample Plan Review

CA5213790038 Fort Irwin National Training Center, Fort Irwin - Please evaluate whether the sampling proposal makes sense and will support the HRS evaluation for the following areas:

(1) Goldstone Former Echo Station Landfill in Operable Unit 3;
(2) all of the areas in Operable Unit 6, Abandoned OB/OD Sites; and (3) the Pesticide Mixing Area, the PCB Transformer Storage Facility, and the Motor Pool Lubrication Pits in Operable Unit 7. We expect this evaluation to require 120 LOE hours to complete.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 29

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: August 8, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purposes of WAF 29 are:

- 1) To revise Item 11 of our WAF 25 comments on modifications to Workplan Revision 4. In the first sentence in Item 11 on page 2 of the comments attached to WAF 25, delete the third comma in the sentence and the phrase "reducing the budget by the same amount".
- 2) To assign the contractor 10 Field Sampling Plan reviews under Task 5000, Review of Federal Facility PA/SI/HRS/Technical Documents, and to reduce the number of Federal Facility Reviews under Task 5000 from 45 to 41. One of the 10 FSP reviews will be Stanislaus National Forest (CA3122307645); the other nine FSP reviews will be named later. There are no budgetary changes to Task 5000 with this technical direction.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Lintner 8/8/95

EPA Remedial Project Manager/Date

Philip Anthony 8/8/95

Contractor Regional Manager/Date

Bruce D. Appel 8/21/95

EPA Project Officer/Date

Kevin E. Can 8/8/95☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3122 FILE NO. 01.01PROJECT NO. 6231X

CC: _____

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

AUG 22 1995

RECEIVED

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 30

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: August 14, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purposes of WAF 30 are:

- 1) To clarify EPAs expectations regarding FFRs under Task 5000 and SIPs under Task 7000.
- 2) To assign a site for site assessment.
- 3) To REMOVE a site from current site assessment assignment.
- 4) To assign sites for review of state PA/SI/FSPs or other technical documents under Subtask 6.3.

REFER TO ATTACHED "WAF30 CLARIFICATIONS & ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Reinherz 8/22/95

EPA Remedial Project Manager/Date

Frank Cain

Contractor Regional Manager/Date

Bruce D. Appel, 8/30/95

EPA Project Officer/Date

Frank Cain 8/14/95

- ☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

DCN 3121 FILE NO. 01. a1PROJECT NO. 6231X

CC: _____

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

AUG 21 1995

RECEIVED

WAF 30 CLARIFICATIONS AND ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 30
EPA WAM: Philip Armstrong
DATE: August 14, 1995
COMPLETION DATE: September 30, 1996
REVISED DATE:

CLARIFICATION OF EPA'S EXPECTATIONS REGARDING WORKPLAN REVISION 4

1. Task 5.0 Review of Federal Facility PA/SI/HRS Technical Documentation, page 24 - For Federal Facility PA Reviews transmitted to EPA after September 30, 1995, the contractor will use the standard PA format as provided in our February 26, 1993, memo (copy attached) for both scoring and non-scoring sites. The abbreviated PA format will continue to be used as discussed in Section 4.4 of the Guidance for Performing Preliminary Assessments under CERCLA.
2. Task 7.0 Site Inspection Prioritizations, page 38 - We anticipate that the Site Leader will contact the Site Assessment Manager when determining the level of effort for each SIP assigned. It is expected that the Site Assessment Manager will indicate concurrence or non-concurrence with the Site Leader's proposed level of effort before the Site Leader proceeds further with the assignment.

SITE ASSESSMENT

The following site is assigned

Site Inspection

CAD020748125 Casmalia Resources, Casmalia-Carolyn Douglas is the SAM.

The following site is REMOVED:

Preliminary Assessment

CAD990792335 Duolite International, Redwood City

TECHNICAL SUPPORT

The followings sites are assigned:

-3-

Review state PA/SI/FSP or other technical documents
NV1210090006 Hawthorne Army Ammunition Plt, Hawthorne
NV5210090010 Hawthorne Army Ammunition- New Bomb
NVD038275020 Veta Grande Mining Co., Gardnerville

See attached memo dated August 11, 1995.

August 11, 1995

MEMO

TO: Philip Armstrong, WAM
FROM: Jeff Inglis, SAM *JI*
RE: Hawthorne Army Ammunition Plant (Main Facility)
NV1 210 090 006
Hawthorne New Bomb Site NV5 210 090 010
Veta Grande Mining Co. NVD 038 275 020

This is a limited, time-critical task for the above sites.

- 1) ARCS Contractor will check HRS as calculated by NDEP for the Hawthorne Main Facility listed above (NV1 210 090 006). This should require no more than 10-15 hours.
- 2) Contractor will call SAM with results immediately upon completion of score check. Possible review of both sites together may be required. In that event, further hours and time schedules will be negotiated at that time.

3) Perform score check for site:
Veta Grande Mining Co.
NVD 038 275 020 *JI*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

**75 Hawthorne Street
San Francisco, CA 94105-3901**

DATE: February 26, 1993

SUBJECT: Format and Guidance for Federal Facility Review Reports

TO: EPA Work Assignment Managers, EPA ARCS Contractors
State Site Assessment Programs

FROM: Carolyn J. Douglas *CTD* Regional Federal Facilities
Coordinator for Site Assessment
Site Evaluation and Grants Section

I would like to share an updated version of the Federal Facilities Review (FFR) format that we will use throughout Region IX. It supercedes the memo and format of February 4, 1992.

As you will recall, in Region IX the goal of the FFR is to evaluate all data (PA and SI equivalent) that is readily available in order to determine if continued EPA involvement is warranted at a Federal government-owned site. The evaluation of the data is based in the hazard ranking system model only. This format should allow the appropriate outline for the discussion of that information. Standard language is included that should make it easier to pull together the report.

Always remember: The report should be factual, concise and to the point. Let the facts tell the story.

Region IX FFR Outline

Title Page

1.0 Introduction

o Language may change slightly for the states, but this section generally will run:

The U.S. Environmental Protection Agency (EPA), Region IX, under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA) has tasked [company/state department name] to conduct a Preliminary Assessment (PA) Review and/or Site Inspection (SI) Review (whichever) at the [CERCLIS name] site in [town, county, state].

The [site name] was identified as a potential hazardous waste site and entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) in [date]. [Give a brief line about how the site was brought to EPA's attention and why the site was entered, if available] [You may

state that it was listed on the Federal Agency Hazardous Waste Compliance Docket (date)]. A Preliminary Assessment (PA) was performed for EPA in [date](but only use if a PA evaluation has been completed by EPA). The purpose of the PA was/is to review existing information on the site and its environs to assess the threat(s), in any, posed to public health, welfare, or the environment and to determine if further investigation under CERCLA/SARA is warranted. After reviewing the PA, EPA decided that further investigation of [site name] would be necessary to more completely evaluate the site using EPA's Hazard Ranking System (HRS) criteria. The HRS assesses the relative threat associated with the actual or potential releases of hazardous substances from the site. The HRS is the primary method of determining a site's eligibility for placement on EPA's National Priorities List (NPL). The NPL identifies sites at which EPA may conduct remedial response actions. This report is the result of (contractor's or state's name) evaluation of the submitted data.

1.1 Apparent Problem

Only those sources that require further evaluation should be identified here. For example, the Federal agency may have identified 49 sources but only 10 require further evaluation. The exception to this would be that the facility decided not to do future work at a source but your review of the data indicate that further action should be taken. If this occurs, include this source along with the previously identified ten as part of the apparent problem. Briefly explain why it is included.

2.0 Site Description

- 2.1 Location (including map)**
- 2.2 Site Description (including facility map).**
- 2.3 Operational History**
- 2.4 Regulatory Involvement**

3.0 Investigative Efforts

3.1 Previous Sampling

- has previous sampling occurred, by whom? when? why?
- was there an approved workplan?
- describe the adequacy and consistency of sampling results

3.2 Sampling

3.2.1 Purpose and Description of Sampling Event (include map with sample points)

3.2.2 Discussion of Sample Results

- show results in table, with benchmarks noted
- discuss significance of sampling, e.g.:
 - what did sampling say about the area(s) of contamination? what did the results say (or not say) about the remainder of the site?
 - what does this data mean in the light of previous sampling efforts?
 - what problems were encountered that would affect our interpretation of the data?

4.0 Hazard Ranking System Factors

4.1 Sources of Contamination (specify each source, giving a brief description that includes waste type and quantity). You should use sources that are apparent problems. Wherever you can, aggregate sources that are affecting the same target populations.

4.2 Groundwater Pathway

4.2.1 Hydrogeologic Setting

4.2.2 Groundwater Targets

4.2.3 Groundwater Pathway Conclusion

4.3 Surface Water Pathway

4.3.1 Hydrologic Setting

4.3.2 Surface Water Targets

4.3.3 Surface Water Pathway Conclusion

4.4 Soil Exposure and Air Pathway

4.4.1 Physical Conditions

4.4.2 Soil and Air Targets

4.4.3 Soil Exposure and Air Pathway Conclusions

If a pathway is not of concern, you may state this and give the reasons why. Your explanation must be totally based on the HRS.

5.0 Emergency Response Considerations

Use the following language:

The National Contingency Plan [40 CFR 300.415(b)(2)] authorizes the Environmental Protection Agency to consider emergency response actions at those sites which pose an imminent threat to human health or the environment. For the following reasons a referral to Region IX's Emergency Response Section does/does not appear to be necessary: [use bullet points stating factual objective reasons].

6.0 Current Condition of the Site

Give a brief description of the current condition of the site.

- is a site investigation in progress
- has the RI/FS been implemented, etc.

7.0 Summary

The summary section is particularly important. EPA staff will look here in the future for when a question is raised about the site. The writer should imagine that a staff person has just received an inquiry and needs to get a quick, informative idea of the site, its history, and what pertinent HRS information led to EPA's decision about future history.

This section contains a simple summary of site history, hazardous materials usage, and regulatory involvement. No new information is presented that has not already been discussed in the body of the

document. Avoid acronyms. No conclusion is drawn by the contractor or state here, and the section ends with the statement, "The pertinent Hazard Ranking System factors for the site are: (listed as bullet points)". State bullet points in non-HRS jargon. Avoid phrases that are related to the HRS score, e.g., low or high potential to release. Avoid making a statement that a pathway has been eliminated. Never refer to a score. We will look to the HRS scoresheets that accompany the SI to see how the site scored.

8.0 EPA Recommendation

	<u>Initial</u>	<u>Date</u>
Site Evaluation Accomplished Under CERCLA	_____	_____
Higher Priority for Further Site Assessment	_____	_____
Lower Priority for Further Site Assessment	_____	_____
Defer to Other Authority (e.g., RCRA, TSCA)	_____	_____

Notes:

Appendices

These should be organized in the following order:

- o Reference List
- o Contact Log
- o Contact Reports
- o Photodocumentation (only if available)

Separate Cover:

o **Transmittal List**

- o **HRS Scoresheets**, including rationales. These should be on brightly covered paper, marked "confidential/predecisional." Two copies.
- o **CERCLIS Entry Sheet** - For ARCS contractors, only. This serves both a close out letter from the contractor and also as a data entry sheet for CERCLIS. It will note:
 - the type of document (SI)
 - a lower portion marked "EPA Only" that will have a spot for us to note:
 - o EPA Further Action Determination
 - o Lead
 - o Sign Off Date:
 - o Initials of Work Assignment Manager
- o **NPL Prioritization Memo** - EPA uses these documents to help decide which sites should be reviewed for a particular NPL update. Thus they are prepare only for sites where further action is being recommended at the end of the SI. Only ARCS contractors will prepare these. We need two copies. See Appendix Q for basic format. Under the section entitled Outstanding HRS Issues the following additional topics need to be addressed:
 - what additional data gaps remain before an HRS package can be completed?
 - describe the groundwater flow across the site
 - discuss any problems relating to attribution, e.g., are there other sites in the area that use the same chemicals?
How sure is our case?Additionally we need the attached Matrix Information Summary completed as part of the NPL Prioritization Memo. This matrix will further assist EPA in prioritizing sites for the NPL. In the matrix, "confidence" means the confidence level in the data used to evaluate the site.
- o **Remedial Site Assessment Decision-Region IX** - This is a new form for the agency's use to document the review and approval of all final site assessment reports submitted to the site assessment program. The report type is Federal Facility Review.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 31

Contractor: URS Consultants, Inc.

Modification No.: 146
(C.O. Use Only) *BRB*

Date: September 11, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input checked="" type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purposes of WAF 31 are: (1) to increase the funding and expenditure limit by \$50,000 and 715 LOE hours; and (2) to assign the Rio Tinto Mine (NV3141190030) for an ESI under Task 6000, Activity 6.5.3. This site assignment and the sites assigned in WAFs 29 and 30 were budgeted in Workplan Revision 4; our understanding is that the goal will be to complete the site named in WAF 29 and the three sites assigned in WAF 30 for review of State PA/SI/FSP or other technical documents by September 15, 1995; the remaining sites in WAFs 29 and 30 and the ESI assigned in this WAF default to the generic site schedules until a different schedule is agreed upon. All charges for the Rio Tinto Mine ESI site shall be billed to DCN # H5J046 Acct # 955T9AKJTFA09BYJ.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Lubeau 10/9/95

EPA Remedial Project Manager/Date

John C. Long 9/11/95

Contractor Regional Manager/Date

Bruce D. Lopez 10/16/95

EPA Project Officer/Date

James Cain 9/12/95☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

B. P. Bycoek 9/28/95

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

DCN 3131 FILE NO. 01.91PROJECT NO. 6231X

CC: _____

☐ PM ☐ PA/SCM ☒ DSM ☐ FILE

Site Assessment WA # 54-27-9JZZ

Distribution of LOE for WAF 31:

Task 1000	Project Planning	85 LOE
Task 6000	Technical Support	<u>630</u> LOE
Total		715 LOE

US Environmental Protection Agency Washington, DC 20460		1. Name of Originator John Lucey		2. Date of Requisition 8/28/95	
EPA Procurement Request/Order		3. Mail Code H-6-2		4. Telephone Number (415) 744-2222	
				5. Date Item Required 8/28/95	
6. Signature of Originator <i>[Signature]</i>				7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase	
8. Deliver To (Project Manager) John Lucey		9. Address 75 Hawthorne St. (H-6-2) San Francisco, CA 94105		10. Mail Code H-6-2	
				11. Telephone Number (415) 744-2222	
12. Financial Data 68-20X8145		a. Appropriation 68-20X8145		b. Servicing Finance Office Number 88 22	
NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"					
..... FMO Use (c) (13 digits)		D T (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)
		C	H5J046	95 5T 9AKJ TFA	2505
				09BYJ	
				(SEE ATTACHMENT)	
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc.				14. Amount of money committed is: <input checked="" type="checkbox"/> Original <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease	
15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No					
16. Approvals					
a. Branch/Office Nate Lau, Act. Branch Chief, H-6		Date 8-28-95		d. Property Management Officer/Designee Date	
b. Division/Office Keith Taketa, Deputy Dir., HWMD		Date 8-31		e. Other (Specify) Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) <i>[Signature]</i> Ivanna Brown, Admin. Officer		Date 9/1/95		f. Other (Specify) Date	
17. Date of Order		18. Order Number		19. Contract Number (if any)	
				20. Discount Terms	
21. FOB Point		22. Delivery via FOB Point by Originator (check one) Person Taking Order/Quote and Phone No.			
23. Contractor (Name, address, ZIP Code)		24. Reference your quote (See block 23). Please attach this above on the terms specified on both sides of this order and on the attached order if any including delivery as indicated. The delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract (See Block 19).			
		Continuing			
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)
	\$50,000.00 Site assessment work for the Rio Tinto Mine Site under Work Assignment #54-27-9JZZ, Contract #68 W9-0054 Superfund.				
					Total \$
27. United States of America By (Signature)			28. Typed Name and Title of Contracting Officer		

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 32

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: September 18, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 32 is to assign a site for review of State PA/SI/FSPs or other technical documents under Subtask 6.3.

REFER TO ATTACHED "WAF 32 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Decker 9/26/95

EPA Remedial Project Manager/Date

Philip C. Long 9/18/95

Contractor Regional Manager/Date

Bruce D. Appel 9/29/95

EPA Project Officer/Date

Jeri Summers 9-19-95☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3129 FILE NO. 01.91PROJECT NO. 4231X

CC: _____

☐ PM ☐ PA/SCM ☐ SM ☐ FILESEP 22 1995
RECEIVED

WAF 32 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 32
EPA WAM: Philip Armstrong
DATE: September 18, 1995
COMPLETION DATE: September 30, 1996
REVISED DATE:

TECHNICAL SUPPORT


The following site is assigned:

Review state PA/SI/FSP or other technical documents
NVD021173448 Utah Test & Training Range

See attached memo dated September 18, 1995.

Sept. 18, 1995

MEMORANDUM

TO: Philip Armstrong, Contracts P.O.
FROM: Jeff Inglis, Nevada P.O. 
SUBJECT: WAF for URS

This is to notify you that URS will be preparing an HRS Score Review Memo for the FFR prepared by NDEP on the following site. The LOE will be maximum 40 hours, which will include immediate consultation with EPA should the score change significantly. It will be due at EPA on COB, Tuesday, September 26, 1995.

Utah Test & Training Range

NVD 021 173 448

cc: Bill Ritthaler, URS

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 33

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: October 31, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 33 is to assign sites for Federal Facility reviews under Task 5000, Federal Facility Reviews.

REFER TO ATTACHED "WAF 33 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Leubner 11/9/95

EPA Remedial Project Manager/Date

Robert L. ... 10/31/95

Contractor Regional Manager/Date

Bruce D. Appel 11/9/95

EPA Project Officer/Date

Jeri ... 10-31-95☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3134 FILE NO. 01. a1
PROJECT NO. 6231X
CC: _____
☐ PM ☐ PA/SCM ☐ SM ☐ FILE

RECD NOV 08 1995

WAF 33 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 33
EPA WAM: Philip Armstrong
DATE: October 31, 1995
COMPLETION DATE: September 30, 1996
REVISED DATE:

FEDERAL FACILITY REVIEWS

The following sites are assigned:

Preliminary Assessment

CA5690331330 Fort MacArthur, San Pedro - Develop a preliminary score for the the PA for the United States Coast Guard Point Vicente and Point Fermin Bunkers and contact the WAM to discuss the the format for the report and the number of hours to be used.

Expanded Site Investigation

HI6170022762 Marine Corp Base Hawaii, Kaneohe Bay - Michael Ardito is the Site Assessment Manager for this site.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 34

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: December 18, 1995

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 34 is to modify a site assessment assignment.

REFER TO ATTACHED "WAF 34 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William E. Leachman 1/4/96

EPA Remedial Project Manager/Date

Philip H. Strong 12/18/95

Contractor Regional Manager/Date

Bruce D. Appel 1/10/96

EPA Project Officer/Date

Jeri Summer 12/20/95

- ☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

12-20-95

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3137 FILE NO. 01.a1

PROJECT NO. 6231X

CC:

☐ PM ☐ PA/SCM ☒ SM ☐ FILE

WAF 34 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 34
EPA WAM: Philip Armstrong
DATE: December 18, 1995
COMPLETION DATE: September 30, 1996
REVISED DATE:

SITE ASSESSMENT

The following site assignment is modified:

Site Inspection

CAD020748125 Casmalia Resources, Casmalia - Please prepare revised HRS score sheets and the accompanying HRS rationale for the site, and then close it out. Do not prepare a narrative report or memorandum.

REC'D APR 23 1996

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 35

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: February 2, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purposes of WAF 35 are: (1) to assign a site for a site assessment under Task 2000; (2) to assign a site for an ESI under Task 6000, Activity 6.5.3; and (3) to assign a site for a PA/SI re-evaluation under Task 6000, Activity 6.6.3. These sites were budgeted in Workplan Revision 4. Our understanding is that the goal will be to complete the site assessment and the ESI in the fourth quarter of FY 96 and the PA/SI re-evaluation in the second quarter of FY 96. WAF 35 also approves the ~~attached~~ site budget amendment dated December 19, 1995 for Peabody Coal Company Black Mesa and Kayenta Mine Sites. *Z*

REFER TO ATTACHED "WAF 35 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

D. L. Gagne 04/29/96

EPA Remedial Project Manager/Date

Philip L. Smith 2/2/96

Contractor Regional Manager/Date

Bruce D. Appel 04/30/96

EPA Project Officer/Date

Jeri L. Smith 2/2/96
☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J. Quint)

3. EPA CO

DCN 3153

FILE NO. 01.a1

PROJECT NO. 6231X

CC:

☐ PM☐ PA/SCM☒ XSM☐ FILE

REC'D APR 23 1996

WAF 35 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 35
EPA WAM: Philip Armstrong
DATE: February 2, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

SITE ASSESSMENT

The following site is assigned:

Site Inspection

AZD981621881 Gila River Indian Reservation - The Site Leader will consult with Carolyn Douglas, the Site Assessment Manager, regarding the need to submit the draft field sample plan in the second quarter of FY 96.

TECHNICAL SUPPORT

The following sites are assigned:

Expanded Site Inspection

CAD980737092 Pemaco Maywood, Maywood - The Site Leader will consult with Gordon Woodrow, the Site Assessment Manager, regarding the need to submit the draft field sample plan in February 1996.

PA/SI Re-Evaluation

CAD981415912 Fresno PG&E Plant 325 3A - Gordon Woodrow is the Site Assessment Manager for this site.

REC'D APR 29 1996

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 36

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: March 8, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

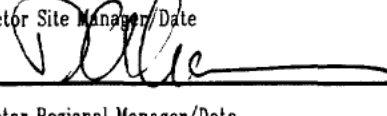
5. EPA COMMENTS:

The purposes of WAF 36 are: (1) to modify a site assessment assignment under Task 2000; (2) to request revisions to the HRS package for the Apra Harbor Naval Complex under Task 3000; (3) to REMOVE a Federal Facility Review assignment under Task 5000; and (4) to assign a PA re-evaluation under Task 6000. These sites were budgeted in Workplan Revision 4, except for the HRS package which was budgeted in Workplan Revision 3. Our understanding is that the goal will be to complete this typical SWIFT site assessment in the fourth quarter of FY 96.

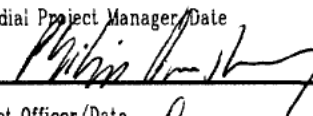
REFER TO ATTACHED "WAF 36 ASSIGNMENTS".

6. APPROVALS (Signatures)

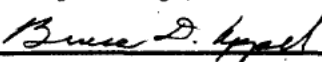
Contractor Site Manager/Date

 4/30/96


EPA Remedial Project Manager/Date

 3/8/96

Contractor Regional Manager/Date

 04/30/96

EPA Project Officer/Date

 3-8-96

☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3154 FILE NO. 01.a1

PROJECT NO. 6231X

CC: _____

☐ PM ☐ PA/SCM ☐ SM ☐ FILE

WAF 36 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 36
EPA WAM: Philip Armstrong
DATE: March 8, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

SITE ASSESSMENT

The following site assignment is modified:

Preliminary Assessment

CAD000485326 McDonnell Douglas Aircraft-SM, Santa Monica - The site assignment is changed from a Preliminary Assessment to a Preliminary Assessment/Site Inspection.

HRS PACKAGE

The following site is assigned:

GU7170090008 Apra Harbor Naval Complex, Piti - Revise the HRS package based on comments and review provided by EPA (100 LOE hours). Carolyn Douglas is the Site Assessment Manager. As requested by the Site Assessment Manager, URS will attend a meeting scheduled for March 13, 1996.

FEDERAL FACILITY REVIEW

The following site assignment is REMOVED:

CA5213790038 Fort Irwin National Training Center, Fort Irwin - The FSP review for this site is REMOVED.

TECHNICAL SUPPORT

The following site is assigned:

Preliminary Assessment Re-Evaluation

CA1122390437 Gibraltar Mining Company, Goleta

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 37

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: March 15, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 37 is to request technical support under Task 3000 regarding a proposed NPL site and to REMOVE the HRS package for the Apra Harbor Naval Complex. These sites were budgeted in Workplan Revision 3. Our understanding is that the goal will be to complete this work by the fourth quarter of FY 96.

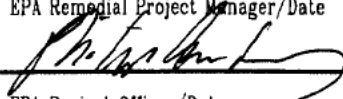
REFER TO ATTACHED "WAF 37 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

 03/22/96

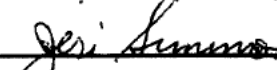
EPA Remedial Project Manager/Date

 3/15/96

Contractor Regional Manager/Date

 04/09/96

EPA Project Officer/Date

 3-15-96

EPA Contracting Officer/Date

☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3150 FILE NO. 101.21

PROJECT NO. 6231X

CC: X MIS X FM

☒ PM ☒ PA/SCM ☒ SM ☐ FILE

REC'D MAR 21 1996

WAF 37 ASSIGNMENTS

SITE: Add: Stoker; Remove: Apra
WA #: 54-27-9JZZ
REVISION #: 37
EPA WAM: Philip Armstrong
DATE: March 15, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

HRS PACKAGES

1. The following site is assigned:

CAD066635442 **Stoker** Company, Imperial - Provide technical assistance to EPA in gathering and reviewing information on the current site conditions of the proposed NPL site. This information will be used by Region 9 and HQs to determine if the site will be finalized on the NPL. A Summary Report shall be produced by URS. Agreement between EPA and URS is required on the level of effort, before work begins.

Site Assessment Manager: Carolyn Douglas

2. The following site is REMOVED:

GU7170090008 **Apra** Harbor Naval Complex, Piti.

USEPA		REC'D 3 08 1996 WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment	EPA Contract No.: 68-W9-0054	Revision No.: 38	
Contractor: URS Consultants, Inc.	Modification No.: (C.O. Use Only)	Date: April 2, 1996	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/> Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/>
(b) (4)			
4. WA COMPLETION DATE		Current: 9-30-96	Revised:
5. EPA COMMENTS:			
<p>The purpose of WAF 38 is to assign: (1) a site for a Federal Facility Review under Task 5000; and (2) a site for a PA/SI re-evaluation under Task 6000. These sites were budgeted in Workplan Revision 4. This work should be completed by September 30, 1996.</p> <p>REFER TO ATTACHED "WAF 38 ASSIGNMENTS".</p> <p style="text-align: right;"><i>mem. 4/2/96</i></p>			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date		EPA Remedial Project Manager/Date	
<i>[Signature]</i> 04/09/96		<i>[Signature]</i> 4/2/96	
Contractor Regional Manager/Date		EPA Project Officer/Date	
<i>[Signature]</i> 04/10/96		<i>[Signature]</i> 4/3/96	
<input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	

cc: 1. EPA PO

2. WAF (thru J.Quint)

3. EPA CO

DCN 3149 FILE NO. 01.01
 PROJECT NO. 6231X
 CC: x MIS x CM x ASM
☒ PM ☒ PA/SCM ☒ SM ☐ FILE

WAF 38 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 38
EPA WAM: Philip Armstrong
DATE: April 2, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

FEDERAL FACILITY REVIEW

The following site is assigned:

Site Inspection

HID984469908 Kauai Test Facility - Philip Armstrong is the Site Assessment Manager (SAM) for this site.

TECHNICAL SUPPORT

The following site is assigned:

PA/SI Re-evaluation

AZ5120090068 Hassayampa Landfill/Lynx Creek Abandoned Mines - Philip Armstrong is the SAM for this site. Please have the Site Leader contact the SAM to discuss the available information and the level of effort before beginning work on this site.

REC'D MAY 01 1996

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9JZZ	
Activity: Site Assessment	EPA Contract No.: 68-W9-0054	Revision No.: 39	
Contractor: URS Consultants, Inc.	Modification No.: (C.O. Use Only)	Date: April 26, 1996	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/> Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/>
(b) (4)			
4. WA COMPLETION DATE		Current: 9-30-96	Revised:
5. EPA COMMENTS:			
<p>The purposes of WAF 39 are: (1) to request revisions to the draft HRS package for the Hickam AFB under Task 3000; (2) to REMOVE a site assignment under Task 6000; and (3) to approve site budget amendments for Pemaco Maywood dated April 24, 1996, and Peabody Coal Company Black Mesa and Kayenta Mine Sites dated March 29, 1996.</p> <p>REFER TO ATTACHED "WAF 39 ASSIGNMENTS".</p>			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date		EPA Remedial Project Manager/Date	
<i>[Signature]</i> 05/02/96		<i>[Signature]</i> 4/26/96	
Contractor Regional Manager/Date		EPA Project Officer/Date	
<i>[Signature]</i> 05/06/96		<i>[Signature]</i> 4/23/96	
<input checked="" type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date	

cc: 1. EPA PO

2. WAM (thru J.Quint)

3. EPA CO

DCN 3155 FILE NO. 01.a1
 PROJECT NO. 62310
 CC: _____
☐ PM ☐ PA/SCM ☒ SM ☐ FILE

REC'D MAY 01 1996

WAF 39 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 39
EPA WAM: Philip Armstrong
DATE: April 26, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

HRS PACKAGE

The following site is assigned:

HI8570028722 Hickam Air Force Base, Honolulu - Address the comments and review provided by EPA and revise the draft HRS package (100 LOE hours). Carolyn Douglas is the Site Assessment Manager for this site.

TECHNICAL SUPPORT

The following site is REMOVED:

Expanded Site Inspection
NV3141190030 Rio Tinto Mine

REC'D MAY 20 1996

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 40

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: May 15, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 40 is to modify a site assignment under Task 3000.

REFER TO ATTACHED "WAF 40 ASSIGNMENTS".

6. APPROVALS (Signatures)

Contractor Site Manager/Date

D. G. Lewis 05/24/96

EPA Remedial Project Manager/Date

Phyllis [Signature] 5/16/96

Contractor Regional Manager/Date

Bruce D. Appel 5/30/96

EPA Project Officer/Date

Margaret S. [Signature] 5/16/96

☒

Approved As Submitted
Approved With Changes
Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3157 FILE NO. 01.21
PROJECT NO. 0231X
CC: _____
☐ PM ☐ PA/SCM ☒ SM ☐ FILE

WAF 40 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 40
EPA WAM: Philip Armstrong
DATE: May 15, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

HRS PACKAGE

The following site assignment is modified:

+ (CAD066635442 Stoker Company, Imperial - Provide technical assistance in gathering and reviewing information on the current site conditions of the proposed NPL site; I understand that this work has been completed in 35 LOE hours. Conduct a site visit and prepare a memo of findings with photodocumentation of the site conditions and contact reports (85 LOE hours). Total LOE for this site is 120 hours. Due date for the report is June 15, 1996.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 41

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: June 14, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/> Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9-30-96

Revised:

5. EPA COMMENTS:

The purpose of WAF 41 is to REMOVE a site from current site assignments under Task 6000, Activity 6.5.3.

REFER TO ATTACHED "WAF 41 ASSIGNMENTS"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

William 6/21/96

EPA Remedial Project Manager/Date

Philip 6/14/96

Contractor Regional Manager/Date

Bruce D. Apple 6/20/96

EPA Project Officer/Date

Wendy 6/17/96
☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAF

3. EPA CO

DCN 3158 FILE NO. 01-a1
 PROJECT NO. 6231X
 CC: _____
☐ PM ☐ PAS/SCM ☒ SM ☐ FILE

WAF 41 ASSIGNMENTS

SITE: N/A
WA #: 54-27-9JZZ
REVISION #: 41
EPA WAM: Philip Armstrong
DATE: June 14, 1996
COMPLETION DATE: September 30, 1996
REVISED DATE:

TECHNICAL SUPPORT

Please REMOVE from your current site assignments:

Expanded Site Inspection

CAD980737092 Pemaco Maywood, Maywood - Please turn over all files (except CERCLA site files which shall be returned to the Superfund Records Center), permits, contact logs, reports, and disk copies of reports to Gordon Woodrow.

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9500

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 42

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: July 29, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 9/30/96

Revised:

5. EPA COMMENTS:

This WAF modifies a site assignment under Task 3000. Refer to Attached "WAF 42 Assignments"

6. APPROVALS (Signatures)

Contractor Site Manager/Date

D. Alamo 08/01/96

Contractor Regional Manager/Date

Bruce D. Lloyd 08/02/96

EPA Remedial Project Manager/Date Phillip Armstrong, 744-2349, H-8-1

EPA Project Officer/Date Margaret S. Morkowski, 744-2154, H-6-1

EPA Contracting Officer/Date Barbara A. Bysek

☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

N/A

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3159 FILE NO 51.21PROJECT NO 6251X

CC. _____

☒ PM ☒ PASUM ☒ BSM ☐ FILE

WAF 40 Assignments

Site: McDonnell Douglas Aircraft Facility
WA #: 54-27-9JZZ
Revision #: 42
EPA WAM: Margaret Morkowski/Gordon Woodrow
Date: July 29, 1996
Completion Date: September 30, 1996

Site Inspection

The following site assignment is modified:

CAD000485326, McDonnell Douglas Aircraft Facility, Santa Monica, Los Angeles County, California - Attempts by the EPA contractor, URS, to collect background soil and groundwater samples using the Geoprobe sampling device failed because of the rocky soil conditions at the site.

Therefore, this assignment modification extends the period of field sampling two days to collect background groundwater and soil samples using a subcontracted drill rig company. This effort should be completed within 40 level of effort hours. Remaining in the field during this tour will be more cost effective than re-mobilizing at a later date.

The due date for completion of the Site Inspection report remains the same.

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9J00

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 43

Contractor: URS Inc.

Modification No.:
(C.O. Use Only)

Date: August 26, 1996

2. DESCRIPTION OF ACTION

	New Work Assignment		Partial Work Plan Approval		Technical Direction Memorandum
x	Interim Amendment		Final Work Plan Approval		Work Assignment Completion Notification
	Incremental Funding		Amendment to Final Work Plan Approval		

(b) (4)

WA COMPLETION DATE

Current: 9/30/96

Revised: 1/31/97

5. EPA COMMENTS:

This WAF:

- a) Accurately reflects the "Approved Work Plan Budget" of 52,301 LOE hours and \$4,149,900. Erroneous "Approved Work Plan Budget" LOE hours and dollars were reflected on WAF Revisions #26 through #42
- b) Extends the Period of Performance to 1/31/97. Because of lower than anticipated activity, the current Approved Work Plan Budget LOE hours and dollars are sufficient for the extended Period of Performance. This extension is at no additional cost to the Government and URS shall work under the existing Work Plan and Work Plan Budget.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

D. James 09/30/96

EPA Remedial Project Manager/Date Philip Armstrong, 744-2349, H-8-1

Margaret S. Morkowski 8/26/96

Contractor Regional Manager/Date

Barbara A. Bysek 09/30/96

EPA Project Officer/Date Margaret S. Morkowski, 744-2154, H-6-1

Margaret S. Morkowski 8/26/96

- ☒ Approved As Submitted
- ☐ Approved With Changes
- ☐ Not Approved

EPA Contracting Officer/Date Barbara A. Bysek, 744-1624, P-2-2

B. A. Bysek 9/20/96

cc: 1. EPA PO

2. WAM

3. EPA CO

REC'D SEP 24 1996

USEPA		WORK ASSIGNMENT FORM	
1. WORK ASSIGNMENT INFORMATION			
Project Name: Site Assessment II		Work Assignment No.: 54-27-9J00	
Activity: Site Assessment	EPA Contract No.: 68-W9-0054	Revision No.: 44	
Contractor: URS Consultants, Inc.	Modification No.: (C.O. Use Only)	Date: October 15, 1996	
2. DESCRIPTION OF ACTION			
<input type="checkbox"/> New Work Assignment	<input type="checkbox"/> Partial Work Plan Approval	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Technical Direction Memorandum
<input type="checkbox"/> Interim Amendment	<input type="checkbox"/> Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/> Work Assignment Completion Notification
<input type="checkbox"/> Incremental Funding	<input type="checkbox"/> Amendment to Final Work Plan Approval	<input type="checkbox"/>	<input type="checkbox"/>
(b) (4)			
4. WA COMPLETION DATE Current: 1/31/97 Revised:			
5. EPA COMMENTS: This WAF approves the Site Budget Budget Amendment for Peabody Coal Company Black Mesa and Kayenta Mine Sites which budgets the site at <u>2,096</u> LOE hours and \$ <u>173,143</u> .			
6. APPROVALS (Signatures)			
Contractor Site Manager/Date <i>[Signature]</i> 11/01/96		EPA Remedial Project Manager/Date Philip Armstrong, 744-2349, H-8-1 <i>[Signature]</i> 10/15/96	
Contractor Regional Manager/Date <i>[Signature]</i> 11/14/96		EPA Project Officer/Date Margaret S. Morkowski, 744-2154, H-6-1 <i>[Signature]</i> 10/15/96	
<input type="checkbox"/> Approved As Submitted <input type="checkbox"/> Approved With Changes <input type="checkbox"/> Not Approved		EPA Contracting Officer/Date Barbara A. Bysek	

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 31102 FILE NO. 02 a1
 PROJECT NO. 100310
 CC: PM
☒ PM ☒ PA/SCM ☒ SM ☒ FILE

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9J00

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 45

Contractor: URS Consultants, Inc.

Modification No.: 196
(C.O. Use Only)

Date: October 15, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input checked="" type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 1/31/97

Revised:


5. EPA COMMENTS:

This WAF:

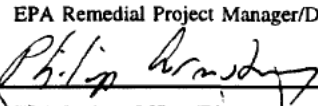
- A) Reduces total Funding by \$337,000
B) Reduces total Expenditure Limit of LOE by 2,200 LOE hours. Decrease LOE hours as follows: Task 2 SWIFT=1,400 and Task 5 FFR Reviews=800.
C) Reduces the Expenditure Limit Dollars by \$337,000.

6. APPROVALS (Signatures)

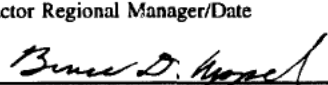
Contractor Site Manager/Date

 12/06/96


EPA Remedial Project Manager/Date Philip Armstrong, 744-2349, H-8-1

 10/15/96

Contractor Regional Manager/Date

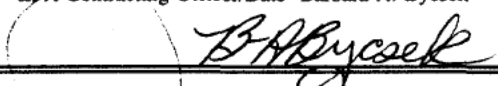
 12/23/96

EPA Project Officer/Date Margaret S. Morkowski, 744-2154, H-6/1

 10/15/96

- ☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date Barbara A. Bycsek

 11/15/96

cc: 1. EPA PO

2. WAM

3. EPA CO

REC'D NOV 19 1996



REC'D NOV 9 1996

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, CA 94105-3901

NOV 15 1996

Mr. Bruce D. Appel, Program Manager
URS Consultants
2710 Gateway Drive
Suite 250 North
Sacramento, CA 95833

SUBJECT: URS Contract Number: 68-W9-0054
Work Assignment Number: 54-27-9J00
Project Name: Site Assessment II
WAF Revision number: Forty Five (45)

Dear Mr. Appel:

Enclosed is WAF Revision number Forty Five (45). The purpose of this WAF is to:

- * Deobligate \$337,000 from the Work Assignment
- * To reduce the expenditure limit by 2,200 LOE/\$337,000

Also, enclosed is modification number 196. The purpose of this modification is to deobligate a total of \$337,000 in incremental funding to subject work assignment.

Please acknowledge receipt of the WAF by signing in block 6 and returning the original WAF to David Katzki. Please provide a copy to Margaret Morkowski, Project Officer and Philip Armstrong, Work Assignment Manager.


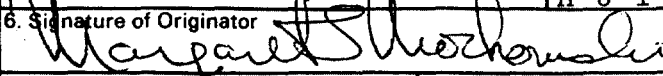
Sincerely,

Barbara Bycsek
Contracting Officer

Enclosure

cc: Philip Armstrong, EPA H-8-1
Margaret Morkowski, EPA H-6-1

DCN 31105 FILE NO. 01.4.1
PROJECT NO. 62310, 62311
CC: Fm
☐ PM ☐ PA/SCM ☐ SM ☐ FILE

 US Environmental Protection Washington, DC 20460 Procurement Request/Order		1. Name of Originator Margaret Morkowski/Phil Armstrong		2. Date of Requisition 7/31/96	
3. Mail Code H-8-1		4. Telephone Number 744-2349		5. Date Item Required ASAP	
6. Signature of Originator 		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
8. Deliver To (Project Manager) Phil Armstrong		9. Address 75 Hawthorne St San Francisco CA 94105		10. Mail Code H-8-1	
11. Telephone Number (415) 744-2349		12. Financial Data a. Appropriation b. Servicing Finance Office Number			
NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"					
FMO Use (c) (13 digits)		D T (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)
					Amount (h) Dollars Cents
			H5J046 95	55T9AKJTFA09BYJ	2505 - 45,926 64
			H5J048 42	55T9AKJTFA0900J	2505 - 290,691 64
			H5J042 08	55T9AKJTFA0900J	2505 - 381 72
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) URS Consultants, Inc. 2710 Gateway Oaks Dr. Ste 250 North Sacramento CA 95833				14. Amount of money committed is: <input type="checkbox"/> Original <input type="checkbox"/> Increase <input checked="" type="checkbox"/> Decrease	
15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No					
16. Approvals					
a. Branch/Office Donald C. White Chief, FOB		Date 8/1/96		d. Property Management Officer/Designee Date	
b. Division/Office Keith A. Takata, for Superfund		Date 8/24/96		e. Other (Specify) Name: Brown, RMO Date: 8/28/96	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) Ivania Brown, RMO		Date 8/24/96		f. Other (Specify) Date	

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)
	Deobligate - \$337,000 Superfund / Site Assessment II To deobligate funds from Contract #68-W9-0054 Work Assignment 54-27-9J00 In order to transfer funds to Site Assessment activities on the START Contract in Region 9			-\$337,000

Note MOD
must include
Permitted for
PEOB/wage

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 46

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: November 21, 1996

2. DESCRIPTION OF ACTION

☐ New Work Assignment☐ Partial Work Plan Approval☒ Technical Direction Memorandum☒ Interim Amendment☐ Final Work Plan Approval☐ Work Assignment Completion Notification☒ Incremental Funding☐ Amendment to Final Work Plan Approval

(b) (4)

4. WA COMPLETION DATE

Current: 1/31/97

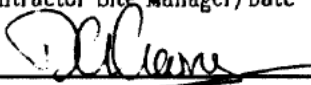
Revised:

EPA COMMENTS:

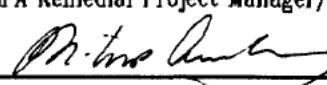
The purpose of WAF 46 is to suspend until further notice the requirement for the fieldwork memorandum, effective November 1, 1996. See Subtask 1.4. reporting.

6. APPROVALS (Signatures)

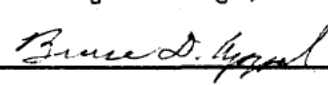
Contractor Site Manager/Date

 01/21/97


EPA Remedial Project Manager/Date

 11/21/96

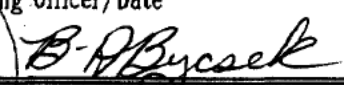
Contractor Regional Manager/Date

 01/24/97

EPA Project Officer/Date

 11/25/96☒Approved As Submitted
Approved With Changes
Not Approved

EPA Contracting Officer/Date

 12/31/96

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3167 FILE NO. 01A1
PROJECT NO. 162310
CC. FM
☒ PPM ☒ PA/SCM ☒ SM ☒ FILE

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 47

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: December 30, 1996

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input checked="" type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 1/31/97

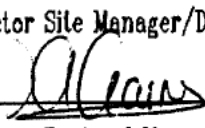
Revised: 4/30/97

EPA COMMENTS:

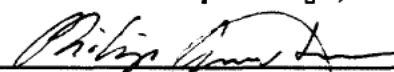
The purpose of WAF 47 is to extend the period of performance to 4/30/97. Due to the situation at the Peabody Coal Company site, the public meeting will not be held until February 1997 at the earliest. The current Approved Work Plan Budget LOE hours and dollars are sufficient for the extended Period of Performance. This extension is at no additional cost to the Government and URS shall work under the existing Work Plan and Work Plan Budget.

6. APPROVALS (Signatures)

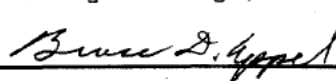
Contractor Site Manager/Date

 01/22/97

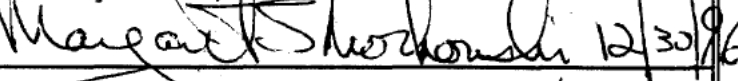
EPA Remedial Project Manager/Date

 12/30/96

Contractor Regional Manager/Date

 01/24/97

EPA Project Officer/Date

 12/30/96☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

 1/15/97

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 31107 FILE NO. 6191

PROJECT NO. 162310

CC: FM

☒ PM ☒ PA/SCM ☒ SM ☒ FILE

REC'D FEB 14 1997

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 48

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: February 11, 1997

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input checked="" type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 4/30/97

Revised:

5. EPA COMMENTS:

The purpose of WAF 48 is to approve the Site Budget Amendments for the Stoker Chemicals site, dated May 14, 1996, and the Peabody Western Coal Company - Black Mesa Mine Complex Sites, dated January 30, 1997.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

J. A. James 02/21/97

EPA Remedial Project Manager/Date

Philip L. Long 2/11/97

Contractor Regional Manager/Date

Bruce D. Gysel 02/28/97

EPA Project Officer/Date

Margaret Sherk 2/11/97

☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3109 FILE NO. 01-41

PROJECT NO. 002310

CC: FM

☒ PM ☒ PA/SCM ☒ SM ☒ FILE

REC'D APR 18 1997

USEPA

WORK ASSIGNMENT FORM

WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 49

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: April 7, 1997

2. DESCRIPTION OF ACTION

	New Work Assignment		Partial Work Plan Approval		Technical Direction Memorandum
X	Interim Amendment		Final Work Plan Approval		Work Assignment Completion Notification
	Incremental Funding		Amendment to Final Work Plan Approval		

(b) (4)

4. WA COMPLETION DATE

Current: 4/30/97

Revised: 6/30/97

5. EPA COMMENTS:

The purposes of WAF 49 are: (1) to extend the period of performance to June 30, 1997; and (2) to REMOVE from current assignments the revised draft HRS package for Hickam AFB (HI8570028722) under Task 3000. Due to bad weather at the Peabody Coal Company site, the public meeting was rescheduled for May 3, 1997. The current Approved Work Plan Expenditure Limit LOE hours and dollars are sufficient for the extended Period of Performance. This extension is at no additional cost to the Government and URS shall work under the existing Work Plan and Work Plan Expenditure Limit.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

EPA Remedial Project Manager/Date

Contractor Regional Manager/Date

EPA Project Officer/Date

[X] Approved As Submitted
 [] Approved With Changes
 [] Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3172 FILE NO. 01a1
 PROJECT NO. 62310
 CC: FM
☒ PM ☒ PA/SCM ☒ SM ☒ FILE

REC'D JUN 15 1997

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 51
50*

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: May 30, 1997

2. DESCRIPTION OF ACTION

*per telephone direction from
David H. Hays, 6/18/97

New Work Assignment

Partial Work Plan Approval

X

Technical Direction Memorandum

Interim Amendment

Final Work Plan Approval

Work Assignment Completion Notification

Incremental Funding

Amendment to Final Work Plan Approval

(b) (4)

4. WA COMPLETION DATE

Current: 6/30/97

Revised:

5. EPA COMMENTS:

The purpose of WAF 51 is to approve the Site Budget Amendment for the Peabody Western Coal Company - Black Mesa Mine Complex Sites, dated May 27, 1997, and annotated on May 30, 1997

6. APPROVALS (Signatures)

Contractor Site Manager/Date

D. L. Cunniff

06/11/97

EPA Remedial Project Manager/Date

Phil L. L. L.

5/30/97

Contractor Regional Manager/Date

Bruce D. Appel

6/18/97

EPA Project Officer/Date

Margaret S. Hershman

6/2/97

☐ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3173 FILE NO. 01a1
 PROJECT NO. 102310
 CC: EPT
☒ PPM ☒ PASCM ☒ ASM ☒ FILE

REC'D JUN 24 1997
REC'D JUN 24 1997

USEPA

WORK ASSIGNMENT FORM

WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No. 50

Contractor: URS Consultants, Inc.

Modification No.:
(C.O. Use Only)

Date: June 11, 1997

2. DESCRIPTION OF ACTION

<input type="checkbox"/>	New Work Assignment	<input type="checkbox"/>	Partial Work Plan Approval	<input type="checkbox"/>	Technical Direction Memorandum
<input type="checkbox"/>	Interim Amendment	<input type="checkbox"/>	Final Work Plan Approval	<input checked="" type="checkbox"/>	Work Assignment Completion Notification
<input type="checkbox"/>	Incremental Funding	<input type="checkbox"/>	Amendment to Final Work Plan Approval	<input type="checkbox"/>	

(b) (4)

4. WA COMPLETION DATE

Current: 6/30/97

Revised:

5. EPA COMMENTS:

The purpose of WAF 50 is to request that URS perform work assignment closeout in accordance with Section 3.1.2 in Workplan Revision 3, dated June 28, 1994

6. APPROVALS (Signatures)

Contractor Site Manager/Date

[Signature] 06/30/97

EPA Remedial Project Manager/Date

[Signature] 6/11/97

Contractor Regional Manager/Date

Bruce D. Appel

EPA Project Officer/Date

[Signature] 6/11/97

☒ Approved As Submitted
☐ Approved With Changes
☐ Not Approved

EPA Contracting Officer/Date

B-ABycsek 6/20/97

cc: 1. EPA PO

2. WAM

3. EPA CO

DCN 3175 FILE NO. 01a1
PROJECT NO. 102310
CC: Fm
☒ PM. ☒ PA/SCM ☒ SM ☒ FILE

USEPA

WORK ASSIGNMENT FORM

WORK ASSIGNMENT INFORMATION

Project Name: Site Assessment II

Work Assignment No.: 54-27-9JZZ

Activity: Site Assessment

EPA Contract No.: 68-W9-0054

Revision No.: 52

Contractor: URS Consultants

Modification No.: 301
(C.O. Use Only)

Date: June 20, 2000

2. DESCRIPTION OF ACTION

New Work Assignment	Interim Amendment	Partial Work Plan Approval	Technical Direction Memorandum	Work Assignment Completion Notification
<ul style="list-style-type: none">Interim SOW, schedule, and LOEComplete SOW, estimated budget and schedule	<ul style="list-style-type: none">Change in LOE, scope by taskAdd additional tasks or funds	<ul style="list-style-type: none">Final Work Plan ApprovalApproval of Work PlanAdd funds	<ul style="list-style-type: none">Detailed scope, budget and scheduleRevise expenditure levelMinor shift within SOW <p>(All changes must be with overall scope, budget and LOE approved by EPA CO)</p>	<ul style="list-style-type: none">Contractor originatesRegional determinationWhen signed by CO, this constitutes a stop work order
	X Incremental Funding	Amendment to Final Work Plan Approval		
	Decrease	<ul style="list-style-type: none">Change in LOE, scope of budget by taskAdd Additional tasks or funds		

(b) (4)

4. WA COMPLETION DATE

Current: 6/30/97

Revised:

5. EPA COMMENTS:

The purpose of this WAF is to decrease funds.

6. APPROVALS (Signatures)

Contractor Site Manager/Date

EPA Remedial Project Manager/Date

Caroline L. Ireson

Contractor Regional Manager/Date

a-s-00

EPA Project Officer/Date

Caroline L. Ireson

6/29/00

- [] Approved As Submitted
[] Approved With Changes
[] Not Approved

EPA Contracting Officer/Date

1. EPA PO

2. WAM

3. EPA CO

EPA WORK ASSIGNMENT COMPLETION REPORT - PART I

CONTRACTOR: URS Greiner, Inc.
WA NAME: Site Assessment II
WA NUMBER: 54-27-9JZZ
REPORTING PERIOD: March 1993 thru June 1997
WORK ASSIGNMENT MANAGER: Philip Armstrong

BRIEFLY DESCRIBE STATEMENT OF WORK:

This work assignment was to perform site assessments on Region 9 sites, including Swift Preliminary Assessment/Site Inspections, Hazard Ranking System packages, and Federal Facility Reviews. The total number of deliverables was approximately 280.

DESCRIBE CONTRACTOR'S PERFORMANCE:

Strengths: The contractor staff demonstrated sound professional judgment and routinely provided "common sense" solutions to problems encountered regarding field sampling. For example, we noted that the contractor's work on the Peabody Coal Company Site Inspection was outstanding based on the thoroughness of the reporting, expert technical performance in the field, and coordination efforts with multiple stakeholders.

Weaknesses: A number of problems surfaced in Semester 14, including questions regarding the contractor's quality assurance process for the reports, the contractor's communications with the EPA Work Assignment Manager regarding budgeting for Site Inspection Prioritizations, and the contractor's responsiveness to technical direction regarding preparation of Workplan Revision 4. Except for glitches of this sort, the contractor's overall performance would have been in the "exceeds expectations" range.

EPA WORK ASSIGNMENT COMPLETION REPORT - PART I

OVERALL PERFORMANCE EVALUATION:

URS' work assignment performance was satisfactory overall. During Semesters 9 - 11, the contractor received fully satisfactory ratings. In Semester 12 the contractor's performance exceeded our expectations, particularly regarding tracking deliverables, shifting priorities, and assisting EPA in meeting end-of-year commitments without sacrificing the quality of the deliverables. The contractor staff demonstrated sound professional judgment and routinely provided "common sense" solutions to problems encountered regarding field sampling. During Semesters 13 - 15, the contractor again received fully satisfactory ratings. Glitches like the cumbersome format for Workplan Revision 4 and not identifying a significant increase in the project planning percentage detracted from the contractor's performance rating which otherwise would have been in the "exceeds expectations" range. In particular, a number of problems surfaced in Semester 14, including questions regarding the contractor's quality assurance process for the reports, the contractor's communications with the EPA Work Assignment Manager regarding budgeting for Site Inspection Prioritizations, and the contractor's responsiveness to technical direction regarding

(b) (4)

The contractor's performance began to improve during Semesters 15 and 16 and exceeded our expectations during Semester 17. For example, we noted that the contractor's work on the Peabody Coal Company Site Inspection was outstanding based on the thoroughness of the reporting, expert technical performance in the field, and coordination efforts with multiple stakeholders.

The overall scores for the nine semesters for which performance event reports were submitted and for the subsequent semesters show the trend:

EPA WORK ASSIGNMENT COMPLETION REPORT - PART I

PEB	a/o	PIRS	LOE
09	4/93	3.25	1,553
10	10/93	3.50	8,029.5
11	4/94	3.50	7,229
12	10/94	4.00	7,343.5
13	4/95	3.50	6,701
14	10/95	3.00	7,376
15	4/96	3.00	2,799
16	10/96	3.00	2,200
17	4/97	4.00	440.5

The LOE-weighted average is 3.4385.

RECOMMENDED EVALUATION RATING AND PHASE II ALLOCATION:

The overall score for the WACR is 3.00.

The recommended award fee percentage is 5%.

Criteria Ratings:

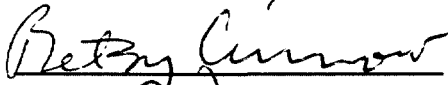
Project Planning:	3.00
Technical Comp/Innovation:	4.00
Schedule/Cost Control:	3.00
Reporting:	3.00
Resource Utilization:	4.00
Effort:	3.00

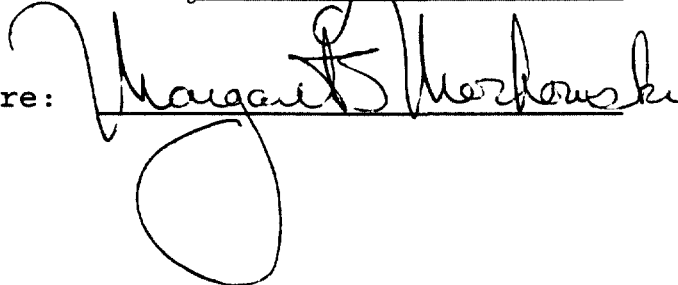
SUBCONTRACTING ACTIVITIES & EVALUATION:

Subcontracting activities occurred for three sites for activities such as sub-surface drilling. URS obtained these subcontracts in a timely and effective manner. Recommended Subcontracting Award: 100%.

EPA WORK ASSIGNMENT COMPLETION REPORT - PART I

WAM Signature:  Date: 10/31/97

WAM Supv Signature:  Date: 10/31/97

PO Signature:  Date: 10/31/97

EPA WORK ASSIGNMENT COMPLETION REPORT - PART II

PERFORMANCE CRITERIA/RATING/COMMENTS

Project Planning:

Rating 3.00

Strengths: Workplans were adequate to address the requirements in the statement of work. For the most part, the contractor communicated effectively with EPA and consulted with the Work Assignment Manager regarding changes in the level of effort for a site or project. Level of detail provided in URS monthly progress reports and invoices met EPA requirements. URS' estimate of the cost to complete the work assignment was very helpful to EPA in de-obligating excess funds.

Weaknesses: EPA was disappointed with the contractor's responsiveness to technical direction regarding preparation of Workplan Revision 4 in as much as URS made assumptions regarding the statement of work that added significant costs without confirming those assumptions with EPA. The contractor did not consult with EPA regarding the level of effort for Site Inspection Prioritizations as discussed in Workplan Revision 4.

Technical Competence & Innovation:

Rating 4.00

Strengths: The contractor staff demonstrated sound professional judgment and routinely provided "common sense" solutions to problems encountered regarding field sampling. While the contractor's work on most reports was satisfactory, in some instances the contractor exceeded our expectations or achieved outstanding work. For example, we noted that the contractor did outstanding work on the Peabody Coal Company Site Inspection based on the thoroughness of the reporting, expert technical performance in the field, and coordination efforts with multiple stakeholders.

EPA WORK ASSIGNMENT COMPLETION REPORT - PART II

Weaknesses: When an issue was identified with the thoroughness and consistency of the contractor's quality assurance process, the contractor did not resolve it quickly.

Schedule and Cost Control:

Rating 3.00

Strengths: The contractor worked proactively with EPA to manage costs to the government, e.g., Federal Facility Reviews reports were abbreviated, reducing the level of effort required for these sites. For the most part, projects were completed on schedule and within budget. The contractor implemented a project management cost control plan which enabled URS to reduce the cumulative project planning percentage from 16 percent in February 1996 to 13 percent by June 1997, reducing the cost overrun in project planning costs. The cumulative project planning percentage is calculated from June 1995 through June 1997 rather than from the inception of the work assignment because Workplan Revision 4, dated May 30, 1995, reduced the approved project planning percentage from 17.5 percent to 12 percent.

Weaknesses: EPA was disappointed with the contractor's responsiveness to technical direction regarding preparation of Workplan Revision 4 which added significant costs. Due to cost overruns which continued from October 1995 - February 1996, the contractor was unable to achieve the 12 percent cumulative project management percentage stated in Workplan Revision 4. The contractor did not consult with EPA regarding the level of effort for Site Inspection Prioritizations.

Reporting:

Rating 3.00

Strengths: Weekly or biweekly meetings were held, and agendas and status reports provided by the contractor were

EPA WORK ASSIGNMENT COMPLETION REPORT - PART II

useful in identifying and resolving issues. For the most part, the contractor communicated with EPA regarding issues that needed to be resolved. Level of detail provided in URS monthly progress reports and invoices met requirements.

Weaknesses: The contractor did not identify an issue when the cumulative project planning percentage increased significantly for October 1995. When an issue was identified with the thoroughness and consistency of the contractor's quality assurance process for the reports, the contractor was not able to resolve it quickly. The format for Workplan Revision 4 was cumbersome and difficult to follow.

Resource Utilization:

Rating 4.00

Strengths: The contractor utilized resources and an appropriate professional mix to meet project and contract requirements and retained knowledgeable staff to ensure the quality of the ongoing work.

Weaknesses: None noted.

Effort:

Rating 3.00

Strengths: For the most part, the contractor communicated effectively with EPA and consulted with the Work Assignment Manager regarding changes in the level of effort for a site or project, e.g., the contractor was responsive to EPA's priorities, changed priorities to meet EPA's needs, and completed deliverables on schedule. The quality of communications and responsiveness improved significantly when the contractor changed Site Managers in February 1996.

Weaknesses: EPA was disappointed with the contractor's responsiveness to technical direction regarding preparation of Workplan Revision 4 which added

EPA WORK ASSIGNMENT COMPLETION REPORT - PART II

significant costs. The contractor did not identify an issue when the cumulative project planning percentage increased significantly for October 1995 - February 1996. When an issue was identified with the thoroughness and consistency of the contractor's quality assurance process, the contractor was not able to resolve it quickly.

URS Greiner

URS Greiner, Inc.

2710 Gateway Oaks Drive
Suite 250 North
Sacramento, California 95833
Telephone: (916) 929-2346
Facsimile: (916) 929-7263
Offices in Principal Cities Nationwide

June 30, 1997

Ms. Margaret Morkowski (SFD-4)
Project Officer
U.S. EPA
75 Hawthorne Street
San Francisco, CA 94105

62310.01.41.1893
01.b1

**Subject: Contract No. 68-W9-0054/WA No. 54-27-9JZZ
Site Assessment II (SA II) WACR**

Dear Ms. Morkowski:

Attached, in response to WAF No. 51 of June 20, 1997, is a Work Assignment Completion Report (WACR) for the subject Work Assignment.

If you have any questions please call me at (916) 929-2346.

Sincerely,

URS GREINER, INC. - CALIFORNIA



Bruce D. Appel
Program Manager

Enclosure

cc: CS - D. Katzki, EPA Region IX (PMD-8)
WAM - P. Armstrong, Region IX (SFD-8)
SM - D. Garner, URSG, SF
Project & Chron files

Work Assignment Completion Report

Contractor: URS Greiner, Inc.

Work Assignment (WA) Name: Site Assessment (SA) II, Region IX

WA Number: 54-27-9JZZ

WA Period: 03/03/93 - 06/30/97

LOE: 43,664.5 through Semester 17 (04/30/97),
plus limited additional LOE in Semester 18

Work Assignment Manager/Site Manager:

Jerelean Johnson (EPA)
05/01/93 - 08/94

William Ritthaler (URSG)
05/01/93 - 02/19/96

Philip Armstrong (EPA)
08/94 - 06/30/97

Des Garner (URSG)
02/20/96 - 06/30/97

Brief Description of WA Scope of Work

This WA was for the completion of Preliminary Assessments (PAs), Site Inspections (SIs), Expanded Site Inspections (ESIs), and associated activities. These assignments were conducted at potential hazardous waste sites in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS).

The SA program routinely evaluates sites through PAs, SIs and, when appropriate, ESIs. These evaluations provide the technical HRS data needed to quantify the relative risk at a specific site. Other activities conducted under this WA included:

- Completing HRS packages/support for NPL sites/HRS Data Gap Memos
- HRS re-evaluations
- Providing technical support
- Conducting PAs/SIs using the Swift method
- Review of Federal Facility PA/SI/HRS/Technical Documentation
- Site Investigation Prioritizations (SIPs)
- PA re-evaluations; SI re-evaluations
- Federal Facility Field Sample Plan Reviews
- Field Sample Plan Preparation (for sampling SIs and ESIs)
- Providing HRS training for EPA and Federal Facility personnel

This WA was issued on 03/03/97. EPA ratings for this WA were:

3.25 on 1,553 LOE: Semester 9 (11/01/92 - 04/30/93)
3.50 on 8,029.5 LOE: Semester 10 (05/01/93 - 10/31/93)
3.50 on 7,229 LOE: Semester 11 (11/01/93 - 04/30/94)
4.00 on 7,343.5 LOE: Semester 12 (05/01/94 - 10/31/94)
3.50 on 6,694 LOE: Semester 13 (11/01/94 - 04/30/95)
3.00 on 7,376 LOE: Semester 14 (05/01/95 - 10/31/95)
3.00 on 2,799 LOE: Semester 15 (11/01/95 - 04/30/96; EPA commenced whole number ratings)
3.00 on 2,200 LOE: Semester 16 (05/01/96 - 10/31/96)
4.00 on 440.5 LOE: Semester 17 (11/01/96 - 04/30/97)

This results in a weighted score of 3.44 (150,124.0 ÷ 43,664.5).

4:11

Additional LOE below the 200 LOE rating threshold were incurred in Semester 18.

URSG conducted investigations, assessments, or re-evaluations at over 280 sites, including:

- Conducted site reconnaissance visits of 60 sites
- Conducted PA strategy meetings/SI/SIP/ESI scoping meetings for 72 sites
- Submitted 64 SWIFT PA/SI reports
- Submitted 8 PA Screening Evaluation reports
- Submitted 4 PA/SI re-evaluation reports
- Submitted 18 SI reports
- Submitted 34 SIP reports
- Submitted 2 ESI reports
- Submitted 132 Federal Facility reports (PAs, SIs, HRS Memos, Re-evaluations, FSP reviews)
- Submitted 2 HRS packages and 1 HRS re-evaluation
- Submitted 2 ESI FSPs
- Technical Support for Verdese Carter Site (1 report, 14 sites)

Total Number of Deliverables: 281

Overall Performance Evaluation

URSG was evaluated at 3.5 or 4.0 for 5 of the 9 semesters evaluated to date (29,736.5 LOE out of a total of 43,664.5 LOE through Semester 17) representing 68.1 % of the LOE expended during the life of the WA. The evaluation for the initial semester, Semester 9, was 3.25. Three other semesters were rated 3.0. However, EPA commenced whole number ratings in Semester 15; thus, although URSG was evaluated at 3.0 for this semester, the EPA comment was "Overall the contractor's performance for the semester was fully satisfactory." Similarly, although URSG was rated 3.0 for Semester 16, EPA noted that "Overall, the contractor's performance exceeded our expectations" and that "URSG exceeded our expectations for technical competence and innovation...." URSG was rated 4.0 in the final semester of this WA (Semester 17). EPA noted that "URSG continued to do an exemplary job of controlling project planning costs" and that "Overall, the contractor's performance for the semester exceeded expectations."

EPA noted (Semester 11) that URSG's "presentations at the Federal Facility training sessions were thorough, professional and well received." EPA noted (Semester 11) that URSG had "done a very good job of adjusting to the decline in work due to the change in the site assessment program." During Semester 11, eleven reports submitted in draft were accepted as final without comment. During Semester 12, a total of 65 deliverables were submitted, of which 42% were submitted below the WP generic budget, 23 % at budget, and 35 % at an approved amended budget. In FY 94 (Semesters 11 and 12) and FY 95 (Semesters 13 and 14), the net cost savings for 224 sites (144 completed below the generic budget) was 499 LOE and over \$284,000. This was achieved by excellent project planning, and by using an effective mix of lower cost personnel and savings in ODCs.

During Semesters 13 and 14, problems associated with report quality, WAM communication and project planning costs were identified. URSG went to great lengths to address these issues, ultimately changing the SM (in Semester 15), introducing new QA/QC review protocols and developing a cost control plan. EPA noted in Semester 14 that URSG "performed very good work on the revised HRS package for Apra Harbor Naval Complex and the site inspection for Peabody Coal Company." EPA noted in the same semester that URSG "consistently provided well prepared reports and was responsive in providing additional reports as needed." Some problems with report quality were, however, noted in Semester 14; 4 out of 32 SIP reports and 3 out of 17 FFR reports were returned by the WAM for revision. URSG took immediate action, instigating stricter QA/QC review procedures.

EPA identified increased project planning costs as a problem early in Semester 15. Although project planning costs had not increased in absolute dollar terms, the percentage of project management costs had increased due to the decrease in the volume of technical work. URSG responded by replacing the P-4 SM in Semester 15 (February 20) with a P-3 SM, and submitting a Project Management Cost Control Plan in response to Agency concerns regarding high project management costs. During the first full month of the new SM's tenure PM costs fell to 7% of the invoice total, significantly surpassing EPA's target of 12%. EPA noted in Semester 15 that "when the cumulative project planning percentage increased from 13% in October 1995 to 16% in February 1996, URSG achieved significant progress in bringing project planning costs back down as a result of a concerted effort...URSG's project planning costs were 7% of the invoice cost in March 1996." EPA also noted in Semester 15 that "we have seen big improvements in the contractor's communications and responsiveness over the course of this semester." EPA stated in Semester 15 "We want to commend URSG for improvements in coordinating with the WAM in advance of performance regarding the level of effort needed for a site or project." Also in Semester 15, EPA stated that "In particular, the Del Rey Dumpsite ESI report exceeded EPA's expectations regarding schedule." Problems regarding budget over-runs on two projects (PG&E-Semester 15 and Marine Corp Air Station, HI-Semester 16) were promptly rectified by URSG absorbing the \$2,700 excess.

In Semester 16, EPA noted that "Overall, the contractor's performance for the semester exceeded our expectations." EPA also noted that "the Peabody Coal Company SI report was outstanding based on the thoroughness of the reporting, expert technical performance in the field, and coordination efforts with multiple stakeholders. On balance, URSG exceeded our expectations for technical competence and innovation...." EPA also noted that "URSG continued to do an exemplary job of controlling project planning costs."

In Semester 17, EPA noted that "URSG continued to do an exemplary job of controlling project costs, keeping them below 12% in spite of a large decrease in the total invoice." During the same semester, EPA also noted that "URSG delivered site assessment reports within budget and on schedule." Additionally, it was noted that URSG "continued to communicate effectively with the EPA and consult with the WAM regarding changes in the level of effort for a site or project." In Semester 17, URSG completed the McDonnell Douglas SI \$19,500 under the agreed-upon budget by diligent management and careful subcontractor cost control. Finally, in Semester 17, EPA noted that "URSG has had a positive attitude and has enthusiastically taken on work. The effort they put forth always results in high quality outputs."

Overall Rating: 3.75

Criteria Ratings:

Project Planning:	3.75
Techn. Comp./Innovn.	3.50
Schedule and Cost Control:	4.00
Reporting:	3.50
Resource Utilization:	3.50
Effort:	4.00

The total WA budget (WP revision 5) including fee is \$4,214,105. The budget less award fee is \$3,946,763. Through 05/30/97 \$2,918,860 had been expended, exclusive of award fee. The WA was completed significantly under budget, allowing the Agency to deobligate funds (\$337,000) to address other priorities.

Performance Criteria/Rating/Comments

Project Planning

3.75 High Satisfactory

In Semester 12, EPA stated that URSG "exceeded expectations in analyzing issues and identifying the options regarding assigned projects" and "did a very good job of tracking deliverables and EPA reviews." Also, "the contractor worked with the EPA in combining WP revisions to hold down project management costs." "The WP revision submitted by the contractor was responsive to the SOW and was approved without revisions." In Semester 15, URSG replaced the SM (February 20) with a P-3 SM and submitted a Project Management Cost Control Plan in response to Agency concerns regarding high project management costs. (It is worth noting that the project management costs had not increased in absolute dollar terms, but as a percentage, as project management costs did not decrease as rapidly as the decreasing level of technical activities.) During the first full month of the new SM's tenure PM costs fell to 7% of the invoice total, significantly surpassing EPA's target of 12%. EPA noted in Semester 15 that "URSG achieved significant progress in bringing project planning costs back down..." EPA also noted in Semester 15 that "we have seen big improvements in the contractor's communications and responsiveness over the course of this semester (Semester 15)." EPA further stated in Semester 15 "we want to commend URSG for improvements in coordinating with the WAM in advance of performance regarding the level of effort needed for a site or project." In Semester 16, EPA commended URSG on the reduction of project planning costs, referring to "URSG's continuing efforts which resulted in a planning percentage of 7.7% during the period of performance (versus the EPA's target of 12%)." EPA again noted in Semester 17 that "URSG continued to do an exemplary job of controlling project planning costs, keeping them below 12%." Effective planning also contributed to the completion and submittal of numerous documents to meet EPA end-of-year SCAP goals.

Weaknesses: WP Revision 4 was difficult to read, as data were too dispersed. In response to EPA concerns regarding high management costs as technical activities contracted in size, URSG replaced the SM in Semester 15 with a P-3 SM, submitted a Project Management Cost Control Plan, and successfully implemented reductions.

Technical Competence/Innovation

3.50 Satisfactory

During the life of the WA, URSG submitted over 280 deliverables. EPA noted in Semester 11 that "URSG's presentations at the Federal Facility training sessions were thorough, professional and well received." EPA noted in Semester 12 that "regarding Phelps Dodge Reduction Works, the contractor routinely provided thorough technical evaluations and advice, identified labor and cost saving technical innovations, and presented "common sense" alternatives to problem solving." EPA also noted that "URSG exceeded expectations in analyzing issues and identifying the options regarding assigned projects." In Semester 13, EPA noted that "URSG's technical competence and innovation continued at a high level...." In Semester 13, it was also noted that for the Phelps Dodge Douglas site that URSG "responded with innovative problem solving when equipment failure threatened the schedule for Phase I sampling." In Semester 14, EPA noted that URSG "exceeded the WAM's expectations in reporting on the status and completion of all FY 95 deliverables." EPA noted in Semester 16 that "URSG's estimate of the cost to complete the WA was very helpful to EPA in de-obligating excess funds." EPA also noted in Semester 16 that "URSG exceeded our expectations for technical competence and innovation..."

Weaknesses: Problems were identified with the Del Rey dumpsite, including insufficient preparation for the scoping session. In Semester 14, EPA noted that URSG did not consult with the WAM regarding the LOE budgets for the four different levels of SIP reports. In Semester 14, 4 out of 32 SIP reports and 3 out of 17 FFR reports were returned by the WAM for revision; the remainder, however, were accepted as submitted. Prompt action was taken to enforce strict QA/QC review measures.

Schedule and Cost Control

4.00 Exceeds Expectations

In FY 94 and FY 95 alone, the net cost savings for 224 sites (144 completed below the generic budget) was 499 LOE and over \$284,000. This was achieved by excellent project planning, and by using an effective mix of lower cost personnel and savings in ODCs. In Semester 12, EPA noted that URSG was "proactive in working with the EPA to manage costs and minimize costs to the government. The contractor completed high priority projects on time in spite of short time frames and conflicting priorities." Also during Semester 12, substantial cost savings were realized by coordinating with the EPA TAT contractor to use the XRF instrument, so that costly equipment rental fees were not incurred. During Semester 12, a total of 65 deliverables were submitted, of which 42% were submitted below the WP generic budget, 23% at budget, and 35% at an approved amended budget. EPA stated in Semester 14 that URSG "worked successfully with the WAM and SAMs to deliver all FY 95 site assessment reports on schedule." EPA stated in Semester 15, "We want to commend URSG for improvements in coordinating with the WAM in advance of performance regarding the level of effort needed for a site or project." Also in Semester 15, EPA stated that "In particular the Del Rey Dumpsite ESI report exceeded EPA's expectations regarding schedule." URSG completed the McDonnell Douglas SI \$19,500 under the agreed-upon budget by diligent management and careful subcontractor cost control. "In Semester 17 EPA noted that "URSG continued to do an exemplary job of controlling project costs, keeping them below 12% in spite of a large decrease in the total invoice." During the same semester, EPA also noted that "URSG delivered site assessment reports within budget and on schedule." Also, as noted under "Effort," URSG repeatedly surged to successfully assist EPA in meeting SCAP goals. For example, in Semester 14, EPA stated, "URSG worked successfully with the Work Assignment Manager and the Site Assessment Managers to deliver all FY 95 site assessment reports on schedule. This included sites where EPA asked the contractor to accelerate the schedule. The contractor was responsive to EPA's priorities, changed priorities to meet EPA's needs, and completed deliverables in less time that the workplan allowed."

Weaknesses: A lack of consultation with EPA regarding development a budget for the 4 different types of SIP reports was noted. URSG absorbed \$1,500 in costs for the PG&E project, which exceeded the generic WP budget. In Semester 16, URSG absorbed \$1,200 in costs that were expended beyond the generic budget.

Reporting

3.50 Satisfactory

During Semester 11, eleven reports submitted in draft were accepted as final without comment. In Semester 12, EPA noted that "URSG's monthly reports were accurate with a good presentation of the required information. All ad hoc reports requested by EPA during this semester were produced accurately in a short time period." In Semester 13, EPA commented that "URSG consistently provided well prepared reports and was responsive in providing additional reports as needed." EPA noted in Semester 14 that URSG "performed very good work on the revised HRS package for Apra Harbor Naval Complex and the site inspection for Peabody Coal Company." EPA noted in the same semester that URSG "consistently provided well prepared reports and was responsive in providing additional reports as needed." In Semester 15, EPA noted that "the contractor was responsive in improving the quality of reportsand that the biweekly status report has enhanced EPA's ability to track the deliverables." In Semester 16, EPA noted that "the Peabody Coal Company SI report was outstanding based on the thoroughness of the reporting, expert technical performance in the field, and coordination efforts with multiple stakeholders." During Semester 17, EPA noted that "URSG delivered site assessment reports within budget and on schedule." In the same semester, EPA noted that "The effort they (URSG) put forth always results in high quality outputs."

Weaknesses: The quality of some of the SIP and FFR reports was poor during Semester 14, although it was noted that a large number of reports were completed under a very tight time-frame. Four SIPs out of a total of 32 and 3 FFRs out of 17 were returned for revisions during this semester. Inaccuracies with the

Field work Memo were noted during this semester, and failure to provide the WAM with advance notice of subcontracting activities was also noted.

Resource Utilization

3.50 Satisfactory

URSG utilized a professional mix commensurate with the EPA's objectives, while always minimizing costs and expenditures. EPA noted in Semester 12 that "new staff hired by the contractor are experienced site investigators, and staff were assigned to sites appropriately." In Semester 15, EPA noted that "The contractor replaced the P-4 site manager with a P-3 in mid-February...This change in leadership made a big difference in the quality of communications and responsiveness." In Semester 16, EPA noted that "Staff are knowledgeable and the site assignments were good matches, ensuring the quality of the ongoing work." EPA noted in Semester 17 that "URSG met EPA's expectations in managing staff in response to reductions in work load, keeping project planning costs down."

Weaknesses: None noted.

Effort

4.00 Exceeds Expectations

URSG maintained a high level of effort throughout the WA to respond to Agency needs and to meet virtually all deliverable deadlines. In Semester 12, EPA noted that "the contractor was very responsive when requested by EPA to shift priorities and complete priority assignments in a shorter time frame than that allowed under the contract." During Semester 12, URSG demonstrated outstanding surge capacity to accommodate additional work to help EPA meet FY 94 SCAP goals. A total of 65 deliverables were submitted in that semester, including 4 additional non-sampling SIs received and completed within 7 weeks of the end of the fiscal year. The highly compressed 7-week turnaround schedule on the additional SIs was accomplished by temporarily adding 6 staff to the WA, working overtime, and assigning a team of assistants to collect supplemental data for the Site Leads. In Semester 14, to assist EPA in meeting internal and external deadlines, URSG conducted expedited reviews of several sites, including the completion of both the Juniper Mine FSP and Onizuka Air Force Station FSP reviews within one week. URSG also mobilized resources in the same semester to facilitate completion of 25 deliverables in the final month of FY95 (including sites completed faster than the WP schedule) to help EPA meet SCAP goals. In Semester 17, EPA noted that "URSG has had a positive attitude and has enthusiastically taken on work. The effort they put forth always results in high quality outputs."

Weaknesses: None noted.